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Lancaster Farming

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Holstein Grade-Up Voted Down, Cope Re-elected

BY
EVERETT NEWSWANGER
Managing Editor

SAN DIEGO, Calif.— A grade-up program that was up for delegate vote here this week at the National Holstein Convention lost, but not by much-- 126 no, 116 yes.

"People were divided on the issue," said Jim Yanizyn, Public Relations Director for the National Association. "With all the information that was dispensed by the farm press, winter forums, and direct mail, yet people thought they didn't have enough information. Many still thought the idea was coming at them too fast. It's been a different kind of convention with most of Tuesday devoted to the discussion of the grade-up issue," Yanizyn said.

John Cope

This major issue before the convention dealt with the proposal to bring grade cows with proper identification into registered status. Some breeders think this will properly allow grade cows with excellent type and production to become part of the future genetic base. Others think the grade-up will penalize the farmer who has kept up his registry program and will induce other breeders to stop registering their cattle. In the end, with a close vote, the National Holstein Breeders will continue the discussion in the winter forums and take up the issue again next year at the National Convention.

Jay Landis, Pennsylvania State President, reported that Pennsylvania National Director John Cope, Dillsburg, was re-elected. In addition, Richard Coyne, New York, and Douglas Maddox, California, were re-elected. Sherman Polender, Washington, was elected in place of Jere Kling, Missouri, who was not eligible for re-election.

President Max Herzog, California, and Vice President, Donald Seipe, Easton, Pennsylvania, were both re-elected.

In the dairy bowl Eastern contestants took the top places in both divisions. Virginia and Pennsylvania went into the final round with a tie won-loss record. And in what Landis called "another close contest" Virginia edged out Pennsylvania for the win.

Team members are: Virginia: Brandie McDonald, Stephens City; Kathy McComb, Purcellville; Brent Eaton, New Market; Chris Vest, Ashburn; and Coach Carol McComb. Pennsylvania: Eugene Hess, Marietta; Tom McCauley, Elizabethtown; Matthew Wanner, White Horse; Tom

(Turn to Page A39)

Farm Management Column

LITITZ (Lancaster) — **Lancaster Farming** welcomes Pennsylvania Cooperative Extension Farm Management agents to its pages this week in a new weekly column titled "Farm Management".

Each multi-county agent will address many facets of farm management: Alan Strock of Lancaster and Chester counties; Bruce Kreider of Lebanon, Dauphin and Berks; John DeFassio of Northumberland, Schuylkill, Lehigh counties and Roland Freund, Adams of Franklin and Cumberland counties. See page A-36.

Agriculture Called "Whipping Boy" In State Budget Cuts

BY
EVERETT NEWSWANGER
Managing Editor

HARRISBURG — Agriculture became the "whipping boy" under Governor Robert Casey's line-by-line budget cuts this week, according to State Representative John Barley (R-100). On top of the list of cuts was the $3,500,000 slated to aid Pennsylvania's fairs. Since the new budget takes effect July 1 the local fairs will not have state matching funds to back their commitments for this year.

Barley said the only way to get the cuts back into the budget would be to reinstate them line by line with a two-thirds majority to override the veto--not a very likely prospect. Or the General Assembly could run a supplemental bill.

But Barley said the Senate seems disinclined to want to make the govern-

(Turn to Page A38)

Salunga Farmer's Hereford Calves Shot And Stolen

BY LISA RISSER

SALUNGA (Lancaster) — Bob Hess, cattle farmer, is offering a reward for any information that leads to the arrest and conviction of the person that wounded a bull calf and stole a heifer calf from his Salunga farm.

The 3½-month-old calf was discovered on the morning of June 24, several hours after it had been wounded by a target-type arrow. The arrow had entered the animal behind its right eye and lodged deep in its throat, leading police to speculate that it had been shot at close range while lying down.

The bull calf was taken to New Bolton Center where veterinarians pulled out the arrow. The calf is doing fine, and its vision will not be impaired.

The calves were kept in a pasture with their dams and 18 other cow/calf pairs. The pasture is

(Turn to Page A38)

Southeast Regional Livestock Winners Named

BY LOU ANN GOOD

MANHEIM (Lancaster) — Sixty-eight 4-H'ers gathered at the Manheim Fairgrounds on Thursday. It was the third annual Southeast Regional Livestock Judging Contest.

In the Junior Division, Cumberland County swept six out of the top ten awards. Diane Conaway, coach for the team, explained her county's award winning streak by saying, "They practice year around—that builds confidence. Plus, the kids have terrific parental support. Without that, we wouldn't be here."

Fourteen-year-old Jennifer Miller, Cumberland County, placed first in the overall individual junior division and in beef and sheep judging. A student at Big Spring Middle School, she is an active member of the Central Penn Swine Club for two years. She raises and exhibits her own hogs and enjoys caring for horses.

Fred Weaver of Ephrata placed first in the overall individual senior

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The Lancaster County team placed first in the senior division of the third annual Southeast Regional 4-H Livestock Judging Contest. From left: Sue Ann Clandon, assistant coach; Arlissa Snavely, Woolies Club; Fred Weaver, top individual and member of Red Rose Beef Club; Dwayne Livengood, Red Rose Beef Club; and Chet Hughes, county extension livestock agent.

Dairy Cooperatives Honor Outstanding Farmers

BY PAT PURCELL

LANCASTER — Many young farming couples were honored by the Pennmarva Dairymen's Federation at the 18th Annual Young Cooperators Awards luncheon held June 23-24 at the Willow Valley Family Resort in Lancaster. Young cooperative members from the Atlantic Dairy Cooperative, the Mid-Atlantic Division of Dairymen Inc. and the Maryland and Virginia Milk Producers competed in the program.

The Outstanding Young Cooperators Program is an educational program designed to develop leadership in the young members of the cooperative. The program which lasts one year begins in the spring when each district selects a representative. Each representative attends an educational seminar and in June of the following year these farming couples and singles compete for the title of Outstanding Young Cooperator.

The Outstanding Young Cooperator and the second place

(Turn to Page A20)

Holiday Hours

The office of Lancaster Farming will be closed Monday, July 4th and will re-open at 8 a.m. Tuesday, July 5th. Deadlines for the July 9th issue:

Mailbox Market Ads- Tuesday noon.

Public Sales Ads- 5 p.m. Tuesday.

Have A Safe Holiday.

Livestock market and auction news

Lancaster Livestock Auction

Monday, June 27
Report Supplied by USDA

Cattle	Calves	Hogs	Sheep	Goats
Monday's Receipts				
787	123	501	755	442
Monday's Auction				
783	136	581	716	643
Last Monday's Auction				
1048	113	319	633	565
Last Year's Auction				
1101	144	552	533	502

CATTLE: SLAUGHTER STEERS 1.00 HIGHER, WITH CHOICE AND PRIME 1.00-2.00 HIGHER; SLAUGHTER HEIFERS 1.00-2.00 LOWER THAN LAST MONDAY; COWS FIRM TO 1.00 HIGHER; BULLOCKS AND BULLS 1.00-2.00 HIGHER. SUPPLY INCLUDED 66% SLAUGHTER STEERS, 13% SLAUGHTER HEIFERS, 10% COWS, AND 11% BULLS.

SLAUGHTER STEERS: FEW HIGH CHOICE AND PRIME 2-4 1120-1425 LB. 68.50-70.35; CHOICE 2-3 FEW 4 1060-1460 LB. 66.25-69.60; SELECT AND LOW CHOICE 2-3 1050-1400 LB. 63.50-67.00, FEW 925-1050 LB. 61.75-62.75; SMALL SUPPLY SELECT 2-3 57.75-62.00; SELECT AND CHOICE 1160-1485 LB. HOLSTEINS 58 00-63.50, FEW CHOICE 63.75-66.25, FEW SELECT 1050-1200 LB. 52.00-56.00.

SLAUGHTER HEIFERS· CHOICE 2-3 950-1175 LB. 64.50-66.00, FEW 66.50-67.50; CHOICE 2-3 875-950 LB. 62.50-64.25, FEW 740-825 LB. 58.25-59.25; SELECT 2-3 850-1050 LB. 56.00-62.75.

COWS: BREAKING UTILITY AND COMMERCIAL 2-4 44.00-46.75; CUTTER AND BONING UTILITY 1-3 42.50-46.00, COUPLE HIGH DRESSING 46.50-47.25, FEW LOW DRESSING 41.50-42.50.

BULLOCKS: CHOICE 1-3 1050-1375 LB. 59.75-61.00, COUPLE 61.00-62.50; SELECT 1-2 1000-1200 LB. 55.75-59.00

BULLS: YIELD GRADE 1 1300-2000 LB. 57.50-60.00, FEW 60.00-62.75; YIELD GRADE 2 1000-1500 LB. 53.00-57.00, FEW 900-1000 LB. 51.00-53.00

VEAL CALVES: VEALERS MOSTLY STEADY; SLAUGHTER CALVES 10 00 LOWER. DEMAND GOOD FOR HOLSTEIN BULLS TO RETURN TO FARM

VEALERS: CHOICE 160-280 LB 90.00-100 00; HIGH GOOD AND LOW CHOICE 130-300; LB. 75.00-90.00, 80-110 LB. 85.00-95.00, FEW 95.00-100 00; STANDARD AND LOW GOOD 65-95 LB. 65.00-85.00

SLAUGHTER CALVES: GOOD AND CHOICE 200-450 LB. 55.00-70 00, FEW 70.00-75.00.

RETURNED TO FARM: BULK 95-125 LB. HOLSTEIN BULLS 115.00-140 00, SMALL FRAME 100.00-115.00.

HOGS: BARROWS AND GILTS 2.00-2.50 LOWER, EXTREMES 3.00 LOWER; SOWS 2.00-3.00 LOWER.

BARROWS AND GILTS: US 1-2 210-245 LB. 46.75-47.50. US 1 215-240 LB. 47.50-49.00. US 1-3 210-255 LB. 46.00-46.75. US 2-4 FEW 240-260 LB. 44.75-46.00.

SOWS: US 1-3 300-650 LB. 26.00-29.75.

SHEEP: SPRING LAMBS WEAK TO 5.00 LOWER; SLAUGHTER EWES STEADY, INSTANCES 5.00 LOWER.

SPRING LAMBS: CHOICE AND PRIME 80-110 LB. 55.00-65.00, 110-130 LB. 53.00-55.00; CHOICE 50-70 LB. 65.00-75.00, FEW 30-50 LB. 80.00-100.00.

SLAUGHTER EWES: UTILITY AND GOOD 10.00-30.00; YEARLINGS AND TWO-YEAR OLDS 30.00-45.00.

Vintage Livestock Auction

Tuesday, June 29, 1988
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	702	897	6	4
Last Tuesday	930	866	21	3
Last Year	727	752	7	0

CATTLE: SLAUGHTER STEERS FULLY STEADY, INSTANCES 50 HIGHER; SLAUGHTER HEIFERS NOT FULLY TESTED; COWS STEADY, INSTANCES 50 HIGHER; BULLS SCARCE. SUPPLY INCLUDED 49% SLAUGHTER STEERS AND 46% COWS.

SLAUGHTER STEERS: SMALL SUPPLY CHOICE AND PRIME 2-4 1150-1375 LB. 69.75-72.00, 10 HEAD 72.00-73.50; CHOICE 2-3 FEW 4 1075-1450 LB. 67.00-70.00; SELECT AND LOW CHOICE 2-3 1020-1350 LB. 65.00-67.50; FEW SELECT 2-3 61.50-65.00; SELECT AND CHOICE 1095-1540 LB. HOLSTEINS 59.75-62.85.

COWS BREAKING UTILITY AND COMMERFCIAL 2-4, BULK 42.50-46.00, HI DRESSING 46.00-47.75; CUTTER AND BONING UTILTY 1-3, LOW DRESSING 41.00-42.25, BULK 42 25-46.00, COUPLE 47.75-49.75, HI DRESSING 46.00-47.00; CANNER AND LOW CUTTER LOW DRESSING 37.50-38.75, BULK 39.00-41.50.

BULLS: FEW YIELD GRADE 2 1150-1750 LB. 52.50-56.50.

VEAL CALVES: VEALERS STEADY TO 5.00 LOWER. SUPPLY INCLUDED 667 IN GRADED SALE OF WHICH 70% SOLD TO RETURN TO FARM.

VEALERS: FEW CHOICE 250-285 LB. 80.00-83.00; HIGH GOOD AND LOW CHOICE 145-270 LB. 73.00-80.00, 80-110 LB. 82.00-92.00; STANDARD AND LOW GOOD 60-80 LB. 70.00-84.00.

RETURNED TO FARM: 35 HEAD 120-125 LB. HOLSTEIN BULLS 120.00-121.00, 80 HEAD 110-115 LB. 131.00-134.00, 110 HEAD 100-105 LB. 137.00-139.00, AND 75 HEAD 90-95 LB. 124.00-129.00; 85 HEAD SMALL FRAME 100-115 LB. 111.00-121.00 AND 20 HEAD 85 LB. 100.00. 35 HEAD 100-120 LB. HOLSTEIN HEIFERS 100.00-101.00 AND 35 HEAD 85-95 LB. 88.00-90.00.

SHEEP: NO MARKET TEST.

GOATS: NO MARKET TEST.

GOATS: ALL GOATS SOLD BY THE HEAD LARGE FLESHY 50.00-80.00, THIN 35.00-50.00; MEDIUM FLESHY 40.00-50.00, THIN 30.00-40.00; SMALL, MAINLY KIDS 25.00-35.00, THIN 15.00-25 00.

Lancaster Livestock Auction

Lancaster, PA
Wed., June 29, 1988

Cattle	Calves	Hogs	Sheep	Goats
Wed's Receipts				
64	9	700	19	2
Wed's Auction				
36	11	471	0	2
Last Wed's Auction				
66	7	299	0	0
Last Year's Auction				
44	42	459	1	0

CATTLE: Small supply slaughter steers fully steady; insufficient volume any other class for a market test.

SLAUGHTER STEERS: Choice 2-4 1085-1405 lb 68.25-70.25; couple Select and low Choice 2-3 1115-1520 lb 64.50-67.00; couple Choice 1285-1325 lb Holsteins 60.00-63.00.

VEAL CALVES: Insufficient volume for a market test.

HOGS: Barrows and gilts firm; sows 1.00 lower.

BARROWS AND GILTS: US 1-2 210-245 lb 47.00-47.75. US 1 210-240 lb 48.00-49 25. US 1-3 210-250 lb 46.00-46.75. US 2-4 200-255 lb 45.00-45.75, 255-265 lb 44 00-44 50.

SOWS: US 1-3 300-650 lb 25 00-28 00, Few 300-450 lb 28 50-29 50.

SHEEP: No market test

GOATS· No market test

Jersey Shore Livestock Market, Inc.

Auction every Thursday
at 4:00 p.m.
Jersey Shore, Pa.
Report supplied by Auction
Thursday, June 30, 1988

RETURN TO FARM CALVES 110.00-150.00.
GOOD VEAL 85.00-105.00.
COMMON VEAL 60.00-84.00.
CHOICE STEERS 66.00-70.00.
SELECT STEERS 62.00-65.00.
COMMON STEERS 52.00-61.00.
COMMERCIAL COWS 45.00-50.25.
CANNERS-CUTTERS 42.00-48.00.
SHELLS 35.00-41.00.
CHOICE HEIFERS 63.00-64.00.
HEIFERS 57.00-62.00.
COMMON HEIFERS 48.00-56.00.
GOOD FEEDERS 60.00-65.00.
COMMON FEEDERS 56.00-60.00.
BULLS 48.00-60.50.
GOOD HOGS 44.00-46 25.
HEAVIES 38.00-45.00.
SOWS 27.00-31.00
ROUGHS 22.00-25 00.

New Holland Livestock

New Holland, Pa.
Thursday, June 30

Cattle	Calves	Sheep	Goats
Today			
663	590	147	192
Last Thursday			
1007	573	55	67
Last Year			
662	562	90	24

CATTLE: SLAUGHTER STEERS 1.00-2.00 HIGHER, WITH SOME SALES CHOICE FULLY 5.00 HIGHER FOR THE WEEK; SLAUGHTER HEIFERS NOT FULLY TESTED; COWS 2.00-4.00 HIGHER; BULLOCKS FIRM TO 1.00 HIGHER, ALTHOUGH CHOICE NOT TESTED; BULLS FULLY STEADY. SUPPLY INCLUDED 59% SLAUGHTER STEERS AND 33% COWS.

SLAUGHTER STEERS: FEW HIGH CHOICE AND PRIME 2-4 1175-1375 LB. 71.50-73.60; CHOICE 2-3, FEW 4 1070-1400 LB. 68.25-71.00, AROUND 40 HEAD MOSTLY CHOICE 3 1230-1300 LB. 71.00-72.60; FEW CHOICE 3-4 1475-1825 LB. 67.75-70.75; COUPLE LOTS CHOICE 2-3 980-995 LB. 66.50-67.85; SELECT AND LOW CHOICE 2-3 1050-1350 LB. 65.00-68.00; FEW SELECT 2-3 61.00-65.00

SLAUGHTER HEIFERS: FEW CHOICE 2-3 985-1175 LB. 63.00-68.25; FEW SELECT 2-3 980-1245 LB. 61.00-63.00.

COWS BREAKING UTILITY AND COMMERCIAL 2-4 BULK 47 00-50.00; COMMERCIAL 3-4 BULK 43.50-46 00, CUTTER AND BONING UTILITY 1-3 LO DRESSING 43.00-45.50; BULK 46.00-49.00; HI DRESSING 49.50-51.00; CANNER AND LOW CUTTER LO DRESSING 37.50-40.50; BULK 41.00-43.75.

BULLOCKS: SELECT 1-2 1050-1325 LB. 56.25-60.00.

BULLS: YIELD GRADE 1 1350-2300 LB. 57.75-60.00, SIX HEAD 61.00-64.00; YIELD GRADE 2 1000-1550 LB. 55.00-57.50.

VEAL CALVES: VEALERS FIRM TO 5.00 HIGHER. DEMAND GOOD FOR HOLSTEIN BULLS TO RETURN TO FARM.

VEALERS: CHOICE 185-320 LB. 89.00-98.00, COUPLE 104.00; HIGH GOOD AND LOW CHOICE 140-285 LB 78.00-88.00, 80-120 LB 86 00-94 00; STANDARD AND LOW GOOD 65-90 LB 75.00-85.00.

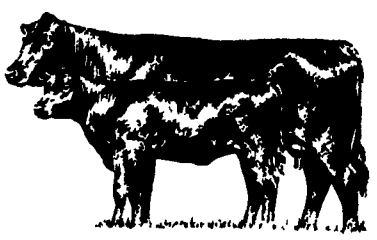
RETURNED TO FARM: BULK 90-130 LB. HOLSTEIN BULLS 115 00-133.00, FEW 133 00-138.00; SMALL FRAME 85-115 LB. 94.00-115.00.

SHEEP: SPRING LAMBS MOSTLY STEADY; SLAUGHTER EWES FULLY STEADY.

SPRING LAMBS: CHOICE 75-100 LB 60.00-67.00, FEW 40-65 LB. 69.00-77.00, GOOD 45-90 LB. 54.00-60 00.

SLAUGHTER EWES FEW UTILITY AND GOOD 16.00-25.00, FEW YEARLINGS AND TWO YEAR OLDS 28.00-34.00.

GOATS: ALL GOATS SOLD BY THE HEAD. LARGE 59.00-69.00, COUPLE 88.00; MEDIUM 33.00-50.00; BULK OF THE SUPPLY SMALL AT 17.00-30.00



Lancaster County Weekly

Friday, July 1
Report Supplied by PDA

	Cattle	Calves
This Week	2300	1620
Last Week	3384	1563
Last Year	2715	1485

CATTLE: Slaughter steers 3.00-4.00 higher, some late sales Choice 5.00 higher; slaughter heifers 1.00-2.00 lower, although tested after Monday; cows advances through the week closing 3.00-5.00 higher; bull and bullocks 1.00-2.00 higher. Supply included 56% slaughter steers, 6% slaughter heifers, 27% cows, 6% bulls, with balance feeders.

SLAUGHTER STEERS: Few Choice and Prime 2-4, 1150-1375 lb. 71.00-73.60; Choice 2-3, few 4 1070-1450 lb. 67.50-71.00, around 40 head Choice mostly 3 1230-1300 lb. late 71.00-72.60; few Choice 3-4 1400-1825 lb. 67.00-70.75; Select and low Choice 2-3 1020-1350 lb. 65.00-68.00; few Select 2-3 60.00-65.00; Select and Choice 1160-1540 lb. Holsteins 58.00-63.50, few Choice 63.50-66.25, few Select 1050-1300 lb. 52.00-56.00.

SLAUGHTER HEIFERS: Choice 2-3 950-1175 lb. 64.25-66.50, few 66.50-68.25; Choice 2-3 875-950 lb. 62.50-64.25, few 740-825 lb. 58.25-59.25; Select 2-3 850-1245 lb. 56.00-63.00.

COWS: Breaking Utility and Commercial Low Dressing 2-4, Bulk 46.00-48.00, Hi Dressing 48.00-50.00; Cutter and Boning Utility 1-3 Low Dressing 42.50-45.00, Bulk 45.00-49.00; Hi Dressing 49.50-51.00; Canner and Low Cutter Low Dressing 37.50-40.00, Bulk 40.50-43.75.

BULLOCKS: Choice 1-3 1050-1375 lb. 59.75-61.00, couple 61.00-62.50; Select 1-2 1000-1325 lb. 55.75-60.00.

BULLS: Yield grade 1 1350-2300 lb. 57.50-60.00, few 60.00-64.00; yield grade 2 1000-1550 lb. 53.00-57.50, few 900-1000 lb. 51.00-53.00.

VEAL CALVES: Vealers mostly steady, although high Choice and Prime absent; slaughter calves 10.00 lower. Demand good for Holstein bulls to return to farm.

VEALERS: Choice 160-320 lb. 88.00-100.00, few 80.00-88.00; high Good and low Choice 140-300 lb. 73.00-88.00, 80-120 lb. 82.00-94.00; Standard and low Good 65-85 lb. 65.00-85.00.

SLAUGHTER CALVES: Good and Choice 280-450 lb. 55.00-70.00, few Choice 70.00-75.00.

RETURNED TO FARM: Bulk 85-130 lb. Holstein bulls 115.00-140.00; small frame 85-115 lb. 94.00-121.00. Few 100-120 lb. Holstein heifers 100 00-101.00 and few 85-95 lb. 88.00-90.00.

Open 24 hours a day
365 days a year
(717) 394-2611
LANCASTER STOCK YARDS

AUCTIONS
MONDAY
9:00 A.M —Slaughter Bulls, Heifers, Steers, Cows
10 00 A M —Goats, Veal Calves, Lambs
12 Noon —Slaughter Hogs
WEDNESDAY
8.00 A M —Slaughter Hogs
10:00 A M —Slaughter Bulls, Heifers, Steers, Cows
11 00 A M —Veal Calves, Lambs
FRIDAY
11 00 A M —Stocker and Feeder Cattle
SATURDAY
8 00 A M —Slaughter Hogs

Next Graded Feeder Cattle Sale
Fri., July 22 - 11:00 A.M.
Graded Cattle sold in lots of 10 or more

BUSINESS AS USUAL
July 4th

LANCASTER STOCKYARDS, INC.
1147 Lititz Pike Lancaster, Pennsylvania 17601
Serving The Community For 91 Years

B&R CATTLE CO.
RD 1, Marietta, PA 17547
Office Phone: (717) 653-8164
Specializing In Stockers & Feeders
JOHN BOWMAN
Ph (717) 653-5728
RON RANCK
Ph (717) 656-9849

HAY, STRAW & CORN
— SALE —
Every Friday at 12 Noon
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

VINTAGE SALES STABLES, INC.
Sale Every Tuesday
10:30 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 2:00.
Business Phone
717-768-8204
Home Phone
215-458-8518
L. Robert Frame, Manage.
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Rt. 22
PHONE JONESTOWN 865-2881
Flea Market Auction every Tuesday at 12:30. Tools, Eggs, Produce, etc.
Buyers & Sellers Welcome

HOG MARKETS

New Holland Feeder Pigs

Wed., June 29, 1988

TODAY 1978
LAST WEDNESDAY 1238
LAST YEAR1562

TREND: Compared to last Wednesday feeder pigs 5.00-10.00 lower, with some sales as much as 20.00 lower than last week's latr sales. All pigs weighed on arrival and sold by the hundred weight.

GRADE HEAD WEIGHT PRICE US 1-2 50 17-23 104.00-106.00. 153 30-39 68.00-80.00, 14 34 89.00. 320 40-49 68.00-81.00. 288 50-59 71.00-80.00. 45 60-69 69.00-71.00.

US 2 45 19 91.00. 64 26-28 68.00-71.00. 378 30-39 59.00-74.00. 249 40-49 60 00-72.00. 173 50-59 60.00-66.00. 6 84-90 60.00-61.00.

Midwest Flashes

Thurs., June 30, 1988

Peoria Hogs

3000- BARROWS & GILTS UNEVEN, WEIGHTS OVER 230 LB. FULLY STEADY; WEIGHTS UNDER 230 LB. STEADY-50 LOWER.

US 1-3 230-260 LB. 45.50-45.75, MOSTLY 45.50; 200-230 LB. 42 50-45.00.

US 2-3 250-270 LB. 45.00-45.50; 270-300 LB. 42.50-44.50.

SOWS: STEADY-50 LOWER, DECLINE ON WEIGHTS UNDER 500 LB (AROUND 12%)

US 1-3 300-500 LB. 30.00-31.00; OVER 500 LB 28.00-30 00.

BOARS: OVER 300 LB. 24.50; UNDER 300 LB. 23.50.

St. Louis Hogs

HOGS: 2000- BARROWS & GILTS ACTIVE, 25 TO MOSTLY 50 LOWER.

US 1-3 220-250 LB. 45.50-46.00, 120 HEAD 46.25-46.50.

US 2-3 240-260 LB. 45.00-45.50.

SOWS: UNDER 400 LB. .50 LOWER, 400-500 LB. 1.50-2.00 LOWER, OVER 500 LB. STEADY-50 LOWER. (12%)

US 1-3 325-400 LB. 33.00-33.50; 400-500 LB. 30.00-30.50; 500-650 LB. 28.00-28.50.

BOARS: OVER 350# 26.50-27.00; 250-350# 25.50-26.50; UNDER 250# 28.00-29.00.

WKLY: B & G 50-1.00 LWR; SOWS WEAK-2.00 LWR, FULL DECLINE ON 400-500#. (18%)

Lancaster Hogs

Lancaster Stockyards

Sat., June 25, 1988

Report supplied by auction

814 HEAD.

US #1'S, 220-245 LBS. 49.00-51.50.

US 1'S & 2'S, 210-245 LBS. 48.00-48.75.

US 1'S & 3'S, 205-255 LBS. 46.75-47.75.

US 2-4'S, 205-255 LBS. 45.50-46.50, A FEW 45.00-45.50.

SOWS: ALL WEIGHTS 26.00-30.50.

BOARS: UNDER 300 LBS. 32.00-35.00, OVER 300 LBS. 24.00-26.00.

Peoria Hogs

Peoria, Ill.

Wed., June 29, 1988

HOGS: 2200 TRADING MODERATE. COMPARED WITH TUESDAY BARROWS AND GILTS WEAK TO MOSTLY .50 LOWER.

US 1-3 220-250 LBS. 46.00-46.50 175 HEAD 46.75 205-220 LBS. 40.00-46.00 FEW 200-205 LBS. 33.00-35.00 2-3 240-260 LBS. 45.50-46.00.

SOWS: UNDER 400 LBS. .50 LOWER, OVER 400 LBS. STEADY TO .50 HIGHER 14%.

US 1-3 325-400 LBS. 33.50-34 00 400-500 LBS. 31.50-32.50 500-650 LBS. 28.00-29.00, FEW 29.50.

BOARS: OVER 350 LBS. 27.25-27.50; 250-350 LBS. 26.50-27.00; UNDER 250 LBS. 29.00.

HOG 214.

HB 40.00-46.00 HC 46.00-46.75 HD 46.00-46.75 HE 46.00-46.75 HH 40.00-46.00 HI 46.00-46.50 HJ 46.00-46.50 HK 46.00-46.50 HQ 45.50-46.00 VV 33.50-34.00 WW 31.50-32.50 XX 28.00-29.00 YY 28.00-29.50 ZZ 27.25-27.50.

New Holland Hogs

Mon., June 27, 1988

TODAY 1039
LAST MONDAY 947
LAST YEAR 1031

TREND: Compared to last Monday barrows and gilts 2.00 lower.

BARROWS AND GILTS: US 1-2 210-250 lb 47.50-49.00.

US 1 210-240 lb 50.50-52.00.

US 1-3 215-250 lb 46.00 to mostly 47.00 200-215 lb 43.50-45.50.

US 2-4 240-265 lb 43.00-43.50.

Indianapolis Hogs

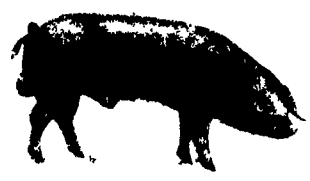
HOGS: 700- BARROWS & GILTS SLOW, 50-1 00 LOWER.

US 1-3 225-250 LB. 45.25-46.00, ABOUT 50 HEAD 46.25.

SOWS: MODERATELY ACTIVE, STEADY-1.00 LOWER (6%)

US 1-3 400-525 LB. 25.00-27.00.

BOARS: OVER 400 LB. 24 00.



GRAIN, CATTLE AND HOG FUTURES MARKETS

(Daily closing bids: Friday, June 24 through Thursday, June 30)

CORN

	FRI.	MON.	TUES.	WED.	THUR.
JUL.	342¼	352¼	337¼	309	327
SEPT.	347¼	357¼	342¼	327¼	337
DEC.	352¼	362¼	347¼	332¼	345¼
MAR. 89	352¼	362¼	347¼	332¼	345¼
MAY	352¼	362¼	374¼	332¼	345¼
JULY	346	356	341	326	339

SOYBEANS

	FRI.	MON.	TUES.	WED.	THUR.
JUL.	1029¼	1059¼	1014¼	931	986
AUG.	1025	1055	1010	965	989¼
SEPT.	1011	1041	996	951	986
NOV.	992	1022	977	932	971¼
JAN. 89	982	1012	967	922	966¼
MAR.	972¼	1012	957¼	912¼	955
MAY	950¼	1002¼	935¼	890¼	935¼
JULY	942	980¼	935¼	882	920

CHICAGO HOGS

	FRI.	MON.	TUES.	WED.	THUR
JUL.	44.92	46.20	45.57	45.80	46.32
AUG.	44.17	45.62	44.97	45.02	45.27
OCT.	42.30	43.80	43.07	42.77	43.27
DEC.	45.57	47.07	46.22	45.27	46 45
FEB. 89	49.60	51.10	51.17	49.92	50.55
APR.	49.05	50.55	50.77	49.45	50.17
JUNE	53.55	55.05	55.15	53.85	54.20

WHEAT

	FRI.	MON.	TUES.	WED.	THUR.
JUL.	380¼	400¼	373¼	353¼	387
SEPT.	388¼	408¼	384¼	365¼	395¼
DEC.	401¼	421¼	394	376	406
MAR. 89	401¼	421¼	396¼	378	408
MAY	388	408	385	368	398
JULY	368	382¼	359	347¼	375

SOYBEAN MEAL

	FRI.	MON.	TUES.	WED.	THUR.
JUL.	310.70	320.70	305.70	278.20	293.20
AUG.	303.20	313.20	298.20	283.20	291.50
SEPT.	300.20	310.20	295.20	280.20	287.00
OCT.	297.70	307.70	292.70	277.70	286.50
DEC.	294.20	304.20	289.20	274.20	284.70
JAN. 89	290.00	300.00	285.00	270.00	280.00
MAR.	284.00	294.00	279.00	264.00	276.00

CHICAGO CATTLE

	FRI.	MON.	TUES.	WED.	THUR.
AUG.	62.77	64.15	64.62	64.82	64 60
OCT.	63.47	64.97	65.52	65.52	65.22
DEC.	67.47	68.97	69.17	68.45	68.87
FEB. 89	70.32	71.82	71.62	70.87	71.30
APR.	72.85	74.35	74.07	73.15	73.75
JUNE	73.10	74.60	74.47	73.50	73 75

FARM BUREAU ACRES

FUTURES MARKET TRENDS GRAIN AND LIVESTOCK

This market information provided by ACRES ACRES is a copyrighted market information service developed by the American Farm Bureau and available to Pennsylvania farmers on a daily basis through Pennsylvania Farmers' Association Farm Management Services For additional market comments and trading service contact PFA Commodity Futures Service (717) 761 2740

Acres Corn Update: Corn futures today closed the 15 cent expanded limit down for the second consecutive day. Nervous long liquidation was featured linked to heavier than anticipated rainfall in portions of the belt. Limits were removed for the July option which plunged 28-1/2 cents and closed at $3.09.
Forecasts for showers to continued today and tomorrow also pressured. September through July 1989 all opened and closed locked limit down.

Acres Soybean Update: Soybean futures closed the 45 cent expanded limit down across the board as nervous liquidation on good rain coverage continued to plunge prices. July, with its limits removed, lost 83-1/2 cents and closed at $9.31, while the other options opened and closed locked limit down. Forecasts for a continued scattered shower activity exerted pressure from the opening. Meal also closed limit down with July losing $27.50, at $278.20.

Acres Wheat Update: Wheat futures closed lower from 18 to 19-3/4 cents with losses attributed to continued liquidation linked to plunging soybean and corn prices. Some short covering early in the session kept a check on further price decay, with prices holding above the 30 cent limits. Some commercial buying also supported with many traders soon anticipating an end to this correction.

Acres Cattle Update: Live cattle futures closed out the day mixed with feeders mostly higher. Today's session was dominated by plunging soybean and corn prices as recent drought spreads were unwound and speculators liquidated deferred positions. Strong cash fundamentals supported the nearby months with August feeders closing limit up, and September 140 points higher.

CME FEEDER CATTLE SETTLEMENT PRICE: 6/27/88- $69.92 up $ .06

Acres Hog Update: Live hog futures closed mixed today with the removal of recent drought spreads featured as grain futures plunged to limit downs again today. Weak cash fundamentals pressured along with limit down bellies for the 1989 options. New contract lows for the third straight session added pressure, along with some positioning in front of the USDA Hog and Pig report which will be issued tomorrow afternoon.

ACRES NEXT DAY OUTLOOK: cash - steady to weak futures - steady to mixed.

St. Louis Cattle, Hogs

Wed., June 29, 1988

CATTLE & CALVES 50: (50 SLTR) LIGHT SLAUGHTER SUPPLY CONSISTS OF COWS. TRADING ACTIVE. COWS FULLY 2.00 HIGHER.

SLAUGHTER CLASS: COWS: CUTT, UTIL, COMM BULK SALES HI DRESS % LO DRESS % BREAKING 2-4 38.00-42.00 BONING 1-2 42.00-44.00 44.00-45.00 CANNER & CUTTER 1-2 37.00-41.00 SHELLY CANNER 1-2 32.00-37.00 DS DB 38.00-41.00 DC

Walter M. Dunlap and Sons offers all cattle feeders two marketing days — Give us a call for advice and marketing conditions.

MONDAYS OR WEDNESDAYS

Consign With Us — For the Marketing Edge

We are buying feeder pigs
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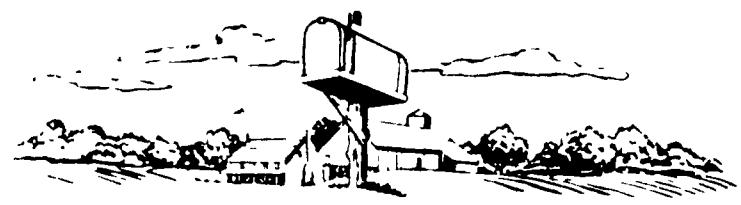
Give us a call whether you are buying or selling

Graded Feeder Cattle Sale
Fri., July 22 at 11:00 A.M.

MONDAY JULY 4
Business As Usual

Walter M. Dunlap and Sons
Lancaster Stockyards
Tel. (717) 397-5136

An Old Line Commission Firm Keeping Abreast With The Times



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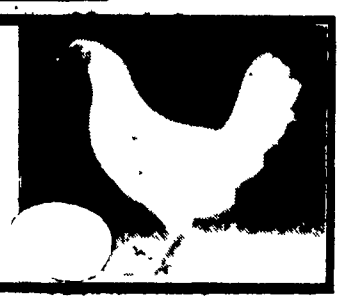
POULTRY MARKETS



Delmarva Broiler/Fryer

Wed., June 29, 1988

Demand for ready-to-cook whole birds was fairly good. Supplies were adequate and well cleared. In the parts complex legs and leg quarters continued to be short of trade needs. Whole breast were at least adequate while the remaining items were generally adequate. Less than trucklot asking prices were 2 cents higher at 65 to 73 cents. Live supplies were light to heavy. Weights were desirable to light. Slaughter schedules were moderately heavy. The undertone was fully steady.

ESTIMATED SLAUGHTER OF BROILER FRYERS IN DELMARVA (000)

ESTIMATED ACTUAL AVG. WGT. ACTUAL AVG. WGT. 6/29 6/27 6/27 6/22 6/20 1,981 1,941 4.39 1,927 4.51

NEW YORK MULTIPLE DROP BROILER REPORT:

CURRENT BROILER/FRYER NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA

BRANDED U.S. GRADE A RANGE 63-71 WEIGHTED AVERAGE 68.00 NO. OF BOXES 10,781.

Hackettstown Poultry & Egg

Hackettstown, N.J.

Tuesday, June 28, 1988

Report Supplied by Auction

MD. FOWL 25- 40
HEAVY FOWL .20-.65.
LEGHORN FOWL 15- 30
BROILERS 40-.55
PULLETS 1.15
GEESE 40- 50
BANTAMS .20-.60
ROOSTERS 20-.70
TURKEYS .25.
BUNNIES (EACH) 1 00-3 00
DUCKS .80-1.10.
RABBITS .30-1.35.
PIGEONS 1.30-2.35

EGGS
GRADE A
WHITE

JUMBO X LGE. .72-.81; LARGE .34-.65; MEDIUM .40-.42.

BROWN

JUMBO X LGE. .75-.85, LARGE 59-.75; MEDIUM .43.

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Heinsey's Poultry

Roots, East Petersburg

Tuesday, June 28, 1988

Muscovy Ducks, Drakes Range 1.90-2.24.
Hens 1.50-1.82.
Pekin Ducks .60-.82.
Pullets 5-7# .30-.44.
Red Fowl 4-4.5# .10- 22; 5-6# .22-.48.
Crossbred Roosters 4-6# 20-.74; 7-12# .20-.48.
Crossbred Fowl 5-9# .5-.24.
Banty Roosters 2.50-5.75 ea.
Banty Hens .75-1.75 ea
Guinea Pigs .50-2.75 ea.
Goats 30.00-59.00ea.
Kid Goats 15.00-24.00ea.
Guinea Fowl 1.25-1 40.
Geese 8-12# .12- 20.
Pigeons 1.25-1.75 ea.
White Pigeons 2.75-4.50 ea.
Rabbits: 4-6# .60-.74; 7-11# 50-.64.
Leghorn Hens .10-.18.
Bunnies 1.00-2.50 ea
Doves 3.00-5.00 ea.
Chukars 4.75-5.10 ea.
Silkies 4.00-7.00 ea.
Total Coops Sold 951.

New York & Phila. Frozen Eggs

Prices continued to increase under a firm market tone. Asking prices for future deliveries trended higher and buyers actively attempted to secure product at or near current prices. Heavy shell eggs were less available to breakers, and prices trended higher. Finished product floor stocks were generally adequate.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB. CONTAINERS) U.S.D.A. INSPECTED CLASS TRUCKLOTS LTL (MIN. 25 CONT.) WHOLE .42-.45 MOSTLY .42-.43 .45-.50 BLENDS (/) - - .48-.59 WHITES .32-.34 MOSTLY .32-.33 .34-.40 YOLKS (MIN. 43% SOLIDS) SUGARED .52-.54 MOSTLY .53-.54 .54-.62 SALTED .51-.53 MOSTLY .52-.53 - (/)-WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.

National Egg Market

Wed., June 29, 1988

Prices were unchanged to higher in the Northeast and Midwest; unchanged elsewhere. The market tone was fully steady to firm.

Movement of cartoned eggs was fair to fairly good with some features in progress and planned for the holiday weekend. Supplies of the large sizes were short to adequate and mediums were adequate to ample. Most breakers planned reduced schedules next week and limited shell egg purchases to meet those needs. Live supplies of spent hens were generally adequate at somewhat higher prices.

Eastern PA & NJ Poultry

Wed., June 29, 1988

Prices were somewhat higher under a steady to fully steady tone. Live supplies were generally adequate. Improved movement in finished product was noted.

LIVE LIGHT TYPE HENS: AT FARM 3 1/2-5 MOSTLY 4-4 1/2.

THERE IS A DIFFERENCE

No One Else Gives You A System That:

- Automatically grinds, mixes & delivers feed
- Retains ration formulations
- Capable of keeping feed bins filled with proper ration
- Modular design for easy adaptability
- Operating cost less than 3 kw/ton (grind, mix and unload)
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- Available in 1 & 2 ton sizes

Buy Direct From The Manufacturer, Get What You Want At A Price You Can Afford

afs automatic farm systems
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Weekly New York Egg Market Northeast Quotes

From Fri., June 24 to Thurs., June 30

	FRI.	MON.	TUES.	WED.	THURS.
WHITE					
JUMBO	76	.76	.79	.80	.82
EX. LARGE	.71	.71	74	75	.77
LARGE	64	64	.66	67	69
MEDIUM	47	47	48	49	51
PULLETS	.41	41	42	42	43
OFF GRADE	52	52	54	55	57
BROWN					
EX LARGE	.76	.76	79	.80	82
LARGE	69	69	71	72	.74
MEDIUM	54	.54	.55	.56	58
OFF GRADE					
UNDERGRADES AND CHECKS	26	.27	.28	.28	28

BREAKING STOCKS: 42-44 LBS FRI. 26 00-27 00, WED 27 00-28 00, THURS 28.00-30 00, 48-50 LBS. FRI 34 00-37 00, MON 35 00-38 00, TUES 36.00-38.00; 50 LBS UP FRI 37 00-39 00, MON 38 00-40 00

N.E. Weekly Shell Egg Report

Tuesday, June 28

Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
N. HAMP.	.89-.93	.82-.86	.58- 62	.38-.42
MOSTLY	.91-.92	.84- 85	.60- 61	.40-.41
R.I.	.88-.92	.83-.87	.60-.64	.40 .44
MOSTLY	.88	.83	.60	40
VERMONT	.95-.98	.90-.93	.65-.75	—
MOSTLY	.95	.90	65	—
MAINE	.96-1.00	.89-.94	.65- 71	45-.51

Philadelphia Eggs

Thursday, June 30, 1988

Report Supplied by USDA

MARKET COMMENT: PRICES UNCHANGED TO HIGHER. TRADE SENTIMENT WAS FULLY STEADY TO FIRM. DEMAND WAS MOSTLY MODERATE. SUPPLIES OF THE LARGE SIZES WERE SHORT TO ADEQUATE AND MEDIUMS WERE ADEQUATE TO OCCASIONALLY FULLY ADEQUATE.

PRICES TO RETAILERS: SALES TO VOLUME BUYERS, CONSUMER GRADES WHITE EGGS IN CARTONS DELIVERED STORE DOOR:

A EXTRA LARGE .57½ -.67; A LARGE .55½ -.65; A MEDIUM 39½ -.46.

New York Egg Market

Wed., June 29, 1988

Prices increased. Trade sentiment was fully steady to firm. Retail movement of cartoned eggs was fair to fairly good. Food service continues to provide a fairly good outlet for shell eggs. Supplies of the large sizes were short to occasionally adequate and mediums were adequate to fully adequate.

PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE A WHITE EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN:

A EXTRA LARGE .65-.67, A LARGE .62- 65, A MEDIUM .44-.47.

Greencastle Livestock

Greencastle, Pa.

Thursday, June 30

Report supplied by PDA

CATTLE: 246. Cows 3.00 to 3.50 higher; few Select sl. steers 59.75-64.25; few Select & Choice holsteins 56.00-59.25; Breaking Utility & Commercial sl. cows 47.00-51.00, few to 54.00; Cutter & Boning Utility 46.75-50.50, Canner & low Cutter 42.50-46.50; Shells down to 35.00; YG 1 1000-2000 lb. sl. bulls 53.50-62.50.

CALVES: 585. Choice vealers 97.00-107.00; Standard & Good 70-100 lbs. 88.00-95.00; Utility 60-90 lbs. 78.00-88.00.

FARM CALVES: Holstein bulls 85-130 lbs 94 00-153.00, mostly 120 00-140 00; holstein heifers 100-125 lbs. 93.00-125.00

HOGS: 3. US 1 & 3 sows 2 head 350 & 450 lbs. 29.50 & 29.50; 1 boar 22.00.

FEEDER PIGS: 4. Not enough for a test.

SHEEP No sales offered

GOATS: 25. Large 35.00-64.00 per head

New England Shell Eggs

Wed., June 29, 1988

Prices were unchanged to higher on both cartoned and loose extra-large through medium; balance unchanged. Trade sentiment was firm. Demand was moderate to good for the barely adequate to generally adequate supplies. Securing extra graded or ungraded heavy eggs, brown or white, became more difficult.

PRICES PAID TO PRODUCERS FOR LOOSE BROWN EGGS AT FARM, CASES EXCHANGED, GRADE YIELD BASIS, CENTS PER DOZEN:

JUMBO .71-.74, EX LARGE .64-.67, LARGE .57-.60, MEDIUM .33-.36, SMALL .12-.15.

BOSTON: PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE BROWN EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN:

A EXTRA LARGE .78-.84, A LARGE .73-.77, A MEDIUM .50-.53.

New Holland Horses

New Holland Sales Stables

New Holland, PA

Monday, June 27, 1988

Report supplied by Auction

REGISTERED RECEIPTS OF 334 HEAD OF HORSES, MULES AND PONIES. MARKET LOWER.

LOCAL

DRIVING HORSES 400.00-790.00.
RIDING HORSES: 350.00-600.00.
LIGHTWEIGHT KILLERS: 150.00-350.00.
HEAVYWEIGHT KILLERS: 400.00-500.00.
MARE PONIES: 35.00-75.00.
COLTS: 15.00-35.00
GELDING PONIES: 35.00-75.00.
LARGER PONIES: 110.00-175.00.

NEW

NEW

REDUCE DAIRY FEED COSTS

36%
CONTROLLED DEGRADABILITY

Dr. Tim Snyder is Manager of Dairy and Livestock Nutrition for Pennfield Corporation. He graduated from Penn State University in 1982 and received his Ph.D. in Dairy Science.

This all new Pennfield Dairy Concentrate is specifically formulated to provide balanced protein sources. A controlled amount of NPN, non-protein nitrogen, is used as a source of rumen degradable protein, and then less degradable (Rumen By-Pass) protein sources are used to achieve a balanced protein degradability.

Pennfield 36%
All Natural
$334.64 Net/Ton

Savings
$60.05
PER TON

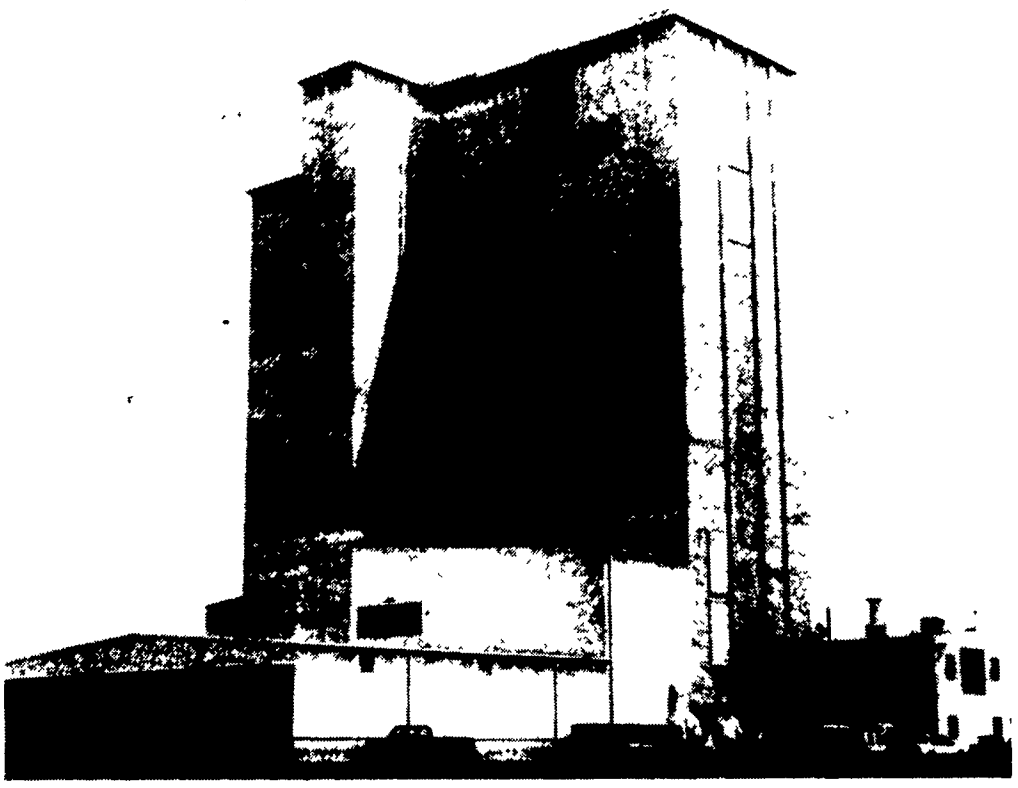
Pennfield 36% C.D.
12% NPN
$274.59 Net/Ton

Mt. Joy Mill Formula Flexability

Pennfield's new Controlled Degradability Rations can be used to formulate a PFR- **P**recision **F**ormulated **R**ation - specifically balanced to your forage program. Save feed $ on dairy rations with protein levels from 16% to 36%.

Customer Satisfaction Guaranteed

New 36% C.D. is a pelleted dairy concentrate which is coated with sweet cane molasses to insure palatability. If you are not satisfied with the **Quality** - **Value** - **Performance** of this feed or any Pennfield Dairy Feed, call us and we will come pick the feed up and refund your money for the feed returned.



Mt. Joy Mill - Built To Meet YOUR Needs

FEED PRICES FOR WEEK OF JULY 4 AND SUBJECT TO CHANGE WEEKLY WITH GRAIN MARKET

Includes 8 ton volume discount and cash discount of 2½ % due 15th following month. Deduct additional $3.00 per ton if paid in 10 days.

#52114	#51300	#50800	#51100	#53300 Pellet	#52700
14% Dairy Pellet	16% Dairy Pellet	16% Golden Flake	Summertime 16% Flake With Beet Pulp	32% Dairy Conc.	27% Maximum Density Beans-Beet Pulp Conc.
$180.23 Net/Ton	**$189.20** Net/Ton	**$198.33** Net/Ton	**$202.61** Net/Ton	**$302.84** Net/Ton	**$319.49** Net/Ton

From PA
1-800-732-0467

From MD, NJ, DE
1-800-233-0202

pennfield feeds

Quality — Service — Value

HAY MARKETS

Pa. Grain

Monday, June 27, 1988
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL AND SOUTH CENTRAL PA: CORN .25 TO .75 HIGHER; WHEAT STEADY TO .25 HIGHER, HARVEST DUE TO START IN SOME AREAS THIS WEEK; BARLEY AND OATS STEADY TO .50 HIGHER; SOYBEANS .30 TO $1 HIGHER; EAR CORN STEADY TO $20 HIGHER.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 3.45-3.80, AVERAGE 3.64; *CONTRACT FOR HARVEST 3.35-3.69; @WHEAT NO. 2 RANGE 3.35-3.80, AVERAGE 3.62, *CONTRACT FOR HARVEST 3.40-3.86, BARLEY NO. 3 RANGE 2.15-2.35, FEW REPORTED 2 50; AVERAGE 2.28, OATS NO. 2 RANGE 2.00-2.55, FEW REPORTED 2.70, AVERAGE 2.37, *CONTRACT FOR HARVEST 2.00-2.55, SOYBEANS NO. 1 RANGE 9.50-10.30, AVERAGE 9.98, *CONTRACT FOR HARVEST 9.40-9.75, *GR. SORGHUM #2 *CONTRACT FOR HARVEST 3 00; *+BUCKWHEAT *CONTRACT FOR HARVEST 8 40, EAR CORN RANGE 90 00-110.00, AVERAGE 101 00

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 3.20-3 50, FEW REPORTED 3.75, AVERAGE 3.39; @WHEAT NO. 2 RANGE 3.00-3.60, AVERAGE 3.30; BARLEY NO. 3 RANGE 2.00-2.35, FEW REPORTED 2.50, AVERAGE 2.20; OATS NO. 2 RANGE 1.95-2.25, FEW REPORTED 2.70, AVERAGE 2.19; *SOYBEANS NO. 1 RANGE 10.00; AVERAGE 10.00; EAR CORN RANGE 70.00-90.00, AVERAGE 80.00.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 3.20-3.75, AVERAGE 3.51; @WHEAT NO. 2-Y RANGE 3.10-3.80, AVERAGE 3.43; BARLEY NO. 3 RANGE 2.00-2 35, AVERAGE 2.24; OATS NO. 2 RANGE 1.95-2 70, AVERAGE 2 27; SOYBEANS NO. 1 RANGE 9.50-10.30, AVERAGE 9 83; EAR CORN RANGE 70.00-104 00, AVERAGE 89.65.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y 2 90-3 75, (M 2 25-2 60), AVERAGE 3 40, @WHEAT NO 2 3 10-3 60, AVERAGE 3 28, BARLEY NO 3 2 00-2 25, AVERAGE 2 18, OATS NO 2 1 85 2 75, AVERAGE 2 24, SOYBEANS NO 1 9 00-10 20, AVERAGE 9 57; EAR CORN 70 00-90 00, AVERAGE 79 88

WESTERN PENNSYLVANIA

CORN NO 2-Y RANGE 2 85-3 80, (M 3 00-3 40), AVERAGE 3 24, @WHEAT NO 2 Y RANGE *3 40, AVERAGE 3 40, BARLEY NO. 3 RANGE 1.75-2.10, AVERAGE 1.92; OATS NO. 2 RANGE 1.90-2.80, AVERAGE 2.29; SOYBEANS NO. 1 RANGE 9.80, AVERAGE 9.80, EAR CORN RANGE 70 00-72 00, AVERAGE 71 00

YEAR AGO

CORN NO. 2-Y AVERAGE 1 94, @WHEAT NO 2-Y 2.54; BARLEY NO 3 AVERAGE 1.32, OATS NO 2 AVERAGE 1.66, SOYBEANS NO 1 AVERAGE 5 60, EAR CORN AVERAGE 56 25

MONTH AGO

CORN NO 2-Y AVERAGE 2 38, @WHEAT NO. 2-Y AVERAGE 2 97, BARLEY NO. 3 AVERAGE 1.60; OATS NO. 2 AVERAGE 1.89; SOYBEANS NO 1 AVERAGE 7.44; EAR CORN AVERAGE 68.63.

Regional Hay

June 27, 1988
Eastern, Pa.
On-Farm Sales

HAY & STRAW MARKET FOR EASTERN PA. (ALL HAY NO. 2 & BETTER PRICES PAID BY DEALERS AT THE FARM & PER TON.) HAY STEADY $10 HIGHER. SOME 2ND CUT ALFALFA ON MKT. STRAW STEADY TO WEAK.

ALFALFA 60.00-90, FEW TO 110.00; MIXED HAY 50.00-75, FEW TO 100.00; TIMOTHY 50.00-90.00; STRAW 40.00-70.00; MULCH 25.00-40.00.

LANCASTER CO. HAY AUCTIONS

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 6/24/88. PRICES PER TON: LOADS: 118 HAY, 47 STRAW, AND 50 EAR CORN.

ALFALFA 70.00-97.00; MIXED HAY 61 00-111 00; TIMOTHY 68.00-98.00, STRAW 51.00-94.00; EAR CORN 104.00-126.00.

CENTRAL PA. HAY AUCTIONS

SUMMARY OF CENTRAL PA HAY AUCTIONS FOR WEEK ENDING 6/24/88. PRICES PER TON: LOADS 39 HAY, 7 STRAW & 7 EAR CORN.

ALFALFA 65 00-82.00, MIXED HAY 40.00-100.00; STRAW 40 00-85 00, MULCH 75.00-115 00

North Jersey Market

Hackettstown, N.J.
Tues., June 28, 1988
Hay—Straw & Grain Report

GRASS HAY 1.70 BALE.

Dewart Hay

Dewart, PA.
Monday, June 27, 1988
Report Supplied by Auction

TOTAL LOADS: 2 LDS. HAY, 60.00
STRAW: 2 AT 70.00.
WOOD: 2 AT 15.00 AND 30.00.

New Holland Hay

New Holland, Pa.
Monday, June 27, 1988
Report Supplied by Auction

TOTAL LOADS: 93.
ALFALFA· 58.00-182 00.
MIXED HAY· 65 00-125.00
TIMOTHY· 76 00-140.00.
ORCHARD GRASS: 85.00-87 00.
CLOVER. 77 00-90.00.
OATS 2.60 PER BUSHEL
EAR CORN: 117 00-128 00
GRASS: 62.00-65 00.
STRAW: 52 00-80 00.

Belleville Hay

Wednesday, June 29
Belleville, PA
Report Supplied by Auction

TOTAL LOADS: 10 LDS. HAY.
ALFALFA: 97.50-115.00.
MIXED HAY: 57.50-85.00.
EAR CORN: 2 AT 105.00 AND 110.00.
STRAW: 2 AT 70.00-72.50.

Martin's Hay

Coatesville, PA
Wed., June 29

TIMOTHY: 90.00-95.00.
TIMOTHY & TIMOTHY MIX: 95.00.
STRAW: 90.00-95.00.

HOSTETTER PORK

Wanted To Buy Crippled and Disabled Sows and Boars
Hogs Slaughtered For Federal Inspection
PHONE 717-274-7609

Seeking Profits In Commodities Trading?

- Hedging
- Speculating
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- Commodity Options

Call Forney Longenecker,
Commodities Investment Executive,
At (717) 295-8914

SHEARSON LEHMAN HUTTON
29 E. King St.
Lancaster, PA 17603

SHEARSON LEHMAN HUTTON

HERE TO STAY!
MAKE 1988 THE YEAR TO GET ACQUAINTED WITH NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

FAT HOGS

EARLY BIRD HOG SALE
7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES MULES

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

DAIRY **11:00 A.M.** COWS

HEIFERS, BULLS

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna

The Action Auction
717-354-4341

Mgr. - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538

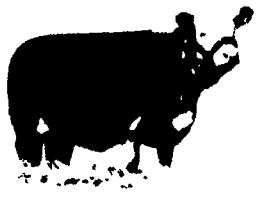
Field Representatives
Alan Diffenbach 717-354-3297
Luke Eberly 215-267-6608 - 738-1865

WEDNESDAY - 1:30 P.M.
FEEDER PIG SALE

We endeavor to keep our barns cleaner than yours. State graded until 12 Noon

THURSDAY
10:00 AM

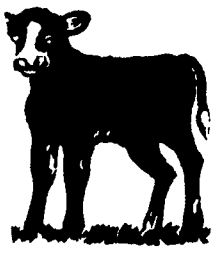
BULLS -

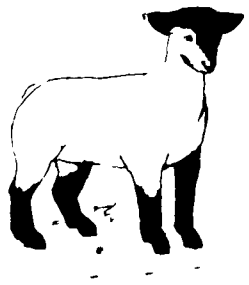


STEERS - BEEF COWS

1:30 P.M.

CALVES





SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

National Grain Market

St. Joseph, Mo.
Wed., June 29, 1988

CASH GRAINS AND SOYBEANS SHARPLY LOWER. SCATTERED THUNDER STORMS SPREAD ACROSS MAJOR PORTIONS OF THE MIDWEST WITH FORECASTS FOR CONTINUED RAIN FOR THE NEXT 2-3 DAYS.

EXPORT NEWS: BOLIVIA BOUGHT 124,500 TONNES OF U.S. NO. 2 OR BETTER HARD RED WINTER WHEAT, UNDER PL480 FOR JLY/AUG SHIPMENT. SOUTH KOREA TENDERS TONIGHT FOR 20,000 TONNES OF U.S. WHEAT. GUATEMALA WILL TENDER JLY 6 ON 47,500 TO 62,500 TONNES OF U.S. WHEAT FOR JLY/SEP UNDER PL480. ALGERIA BOUGHT 100,000 METRIC TONS OF CORN FOR 87/89 MARKETING YEAR. MEXICO'S BUYING AGENCY, CONASUPO, BOUGHT 26,000 TONNES OF U.S. SOYBEANS FOR JULY SHIPMENT. THE DOMINICAN REPUBLIC BOUGHT 8,000 TONNES OF U.S. SUNOIL FOR JLY SHIPMENT UNDER PL480. PAKISTAN TENDERS TODAY FOR CONTAINERIZED U.S. SOYMEAL UNDER AID FINANCING.

DATE CHANGE YEAR AGO 06/29/88 06/28/88 07/01/87 WHEAT: KANSAS CITY 3.54-3.58 DN 23 2.58-2.60 MINNEAPOLIS 4.34 DN 20 2.98 1/2 PORTLAND 3.60-3.70 DN 18-16 2.82-2.87 ST. LOUIS NA 2.50-2.52

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 2.93-3.07 DN 21-15 1.71-1.75 MINNEAPOLIS 2.57 DN 22 1/2 1.68 3/4 SO. IOWA 2.67-2 74 DN 23 1.74-1.76 OMAHA 2 70-2.80 DN 23-20 1.63-1.65

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 8 81-8.91 DN 87-83 5 27-5.37 MINNEAPOLIS 8 71 DN 78 1/2 5.29 1/4 SO. IOWA 8.76-8.86 DN 61-78 5.36-5.38 C. ILL. PROCESSORS 9.14-9.37 DN 45 5.41-5.45

*KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 2 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (JUL) WHEAT 3.59 DN 23 2.60 1/2

MINNEAPOLIS (JUL) WHEAT 4.14 DN 20 2.62 3/4

CHICAGO (JUL) WHEAT 3.53 1/2 DN 19 3/4 2.65 1/4

(SEP) CORN 3.27 1/2 DN 15 1.79 3/4

(JUL) SOYBEANS 9.31 DN 83 1/2 5.36 1/4

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO.1 HARD RED WINTER WHEAT ORDINARY PROTEIN 3.91-3.92 DN 22-21 2.84 1/2-2.88 1/2 NO.2 SOFT RED WINTER WHEAT 3.56-3.58 DN 19 2.68 1/2-2.71 NO.2 YELLOW CORN 3.19-3.38 DN 29-15 1.97 NO.2 YELLOW SORGHUM RAIL 5.70 DN 23 BARGE 5.68 DN 39 3.21-3.23 NO.2 YELLOW SOYBEANS 9.41-9.43 DN 78-79 5.62-5.63.

Good's Hay

Leola, Pa.
Wed., June 29, 1988
Report Supplied by Auction

TOTAL LOADS: 66.
ALFALFA: 83.00-129.00.
MIXED HAY: 71.00-131.00.
TIMOTHY: 65.00-101.00.
OATS: 2.20 BU.
EAR CORN: 105.00-126.00.
GRASS: 58.00-65.00.
STRAW: 62.00-75.00.

Westminster Hay

Westminster, Md.
Tuesday, June 28, 1988
Report Supplied by Auction

TOTAL LOADS: 21.
ALFALFA: 81.00.
TIMOTHY & DONOEL CLOVER 2.05 BALE.
TIMOTHY: .65-1.05 BALE (GOOD) 1.25-1.80 BALE (VERY GOOD).
MULCH HAY: .35-.50 BALE.
ORCHARD GRASS MIXED: 60.00 BALE, 54.00 TON.
BARLEY: 1.10-1.65 BALE.

Green Dragon Hay

Ephrata, Pa.
Friday, June 24, 1988
Report Supplied by Auction

TOTAL LOADS: 69.
ALFALFA: 60.00-162.00.
MIXED HAY: 51.00-111.00.
TIMOTHY: 68.00-98.00.
OATS: 2.25-2.90 BU.
EAR CORN: 104.00-126.00.
GRASS: 52.00-53.00.
STRAW: 49.00-82.00.

Keister's Hay

Middleburg, PA
Tuesday, June 28
Report supplied by auction

TOTAL LOADS: 11 LDS. HAY.
MIXED HAY: 45.00-82.50.
OATS: 2 AT 2.70 & 2.80 BU.
EAR CORN: 5 AT 87.50-110.00.
STRAW: 4 AT 30.00-50.00.
CORN FODDER: 32.50.

Leinbach's Hay

Shippensburg, PA
June 25 & 28
Report supplied by Auction

TOTAL LOADS: 21.
ALEALFA: 48.00.
MIXED HAY: 37.00-57.00.
TIMOTHY: 49.00-68.00.
GRASS: 40.00-60.00.
STRAW: 40.00.

King's Hay

Kirkwood, Pa.
Tuesday, June 28, 1988
Report Supplied by Auction

TOTAL LOADS: 20.
ALFALFA MIX: 67.00-92.00.
TIMOTHY: 87.00-96.00.
1 ROUND BALE: 34.00.
STRAW: 66.00-84.00.
EAR CORN: 112.00-116.00.

Indiana Livestock

Homer City, Pa.
Thursday, June 30
Report supplied by PDA

CATTLE: 129. Compared with last week's market sl. steers mostly steady, sl. cows 4.00 to 5.00 higher. One high Choice sl. steer 69.00, Choice 63.00-66.75, Select 59.00-63.25, few Standard 53.25-59.25; Choice sl. heifer 61.00-65.50, Select 56.50-61.25, Standard 51.25-55.00, few Utility 44.00-50.00; Breaking Utility & Commercial sl. cows 47.00-52.00, Cutter & Boning Utility 44.00-48.00, Canner & low Cutter 40.00-44.50, Shells down to 27.00; few YG 1 1100-1500 lb. sl. bulls 54.00-57.00, few YG 2 900-1100 lbs. 50.00-52.50.

FEEDER CATTLE: Steers few Large Frame 2 600-800 lbs. 55.00-58.00; heifers few Large Frame 2 380-450 lbs. 50.00-60.00.

CALVES: 141. Few Choice 95.00-102.00 with one at 114.00, few Good 89.00-94.00; Standard & Good 90-120 lbs. 81.00-97.00, 60-85 lbs. 75.00-88.00, Utility 50-70 lbs. 43.00-64.00.

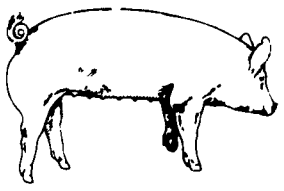
FARM CALVES: Holstein bulls 90-125 lbs. 100.00-138.00; beef cross bulls & heifers 80-110 lbs. 80.00-112.00.

HOGS: 194. Barrows & Gilts 1.50 to 2.00 lower. US 1-2 225-255 lbs. 44.50-45.00, lot at 45.50; 1-3 220-240 lbs. 44.00-44.60; 2-3 235-275 lbs. 43.00-44.00; 2-4 250-300 lbs. 38.00-42.00; 1-3 190-202 lbs. 40.00-43.00; Sows US 1-3 300-600 lbs. 26.00-29.00; few 2-3 325-700 lbs. 23.00-26.00; few Barrows 25.00-26.00.

FEEDER PIGS: 22. US 1-3 35-45 lbs. 28.00-34.00 per head.

SHEEP: 74. High Choice 80-90 lb. spring sl. lambs 63.00-65.25; Choice 75-95 lbs. 58.75-63.00; Good & Choice 70-77 lb. feeder lambs 55.00-57.50. Sl. sheep 16.00-22.00.

GOATS: 12. Few Large 50.00-62.00, few Medium 30.00-42.00 all per head.



EMERY'S BUYING STATION

OPEN TO RECEIVE YOUR MARKET HOGS

AT THE GREEN DRAGON MARKET
RD 4, EPHRATA, PA 17522
1 MILE NORTH OF EPHRATA
ON NORTH STATE STREET.

HOURS: MONDAY, TUESDAY, and WEDNESDAY 7:00 A.M. to 11:30 A.M.

We Will Be Closed Wed., June 29 and Mon., Tues. & Wed., July 4, 5 & 6.
Will Reopen July 11

215-458-5677 Residence
717-733-9648 Office

YOU ARE PAID FOR YOUR HOGS IMMEDIATELY

Ken & Lois Emery, Proprietors

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Cows, Steers & Bulls For Slaughter Under USDA Inspection

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Lebanon, Berks, Lancaster & Chester Counties

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EVERY MONDAY
HATFIELD PACKING CO. and
MOYER PACKING CO.
Will Receive Your
Hogs and Cattle at the
DANVILLE LIVESTOCK MARKET
RD 4, Danville, PA

- We will receive your hogs from 8 AM to 12 Noon every Monday. Your hogs will be weighed and paid for immediately.
- We will also accept your sows & boars.
- Your cattle will be received from 12:30 to 5 P.M. We will either pay you for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.

MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

Green Dragon Livestock Sales

Location: Ephrata RD 4. 1 mile N. on North State St., Ephrata.

COWS COWS COWS

SALE EVERY FRIDAY

Lots of good Northern Feeder & Stockers. Slaughter Cows' - Bull Steer, Veal-lamb.

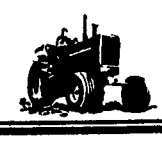
11:00 A.M.-Beef Sale 200-300 each week.
1:00 P.M.-Dairy Sale.
7:00 P.M.-Small Animal Sale.

For Special Sales and Herd Dispersals on farm or at our barn or other market information call: Office 717-733-2444, Home 717-838-4318.

WALTER H. RISSER, Proprietor

All out of state and new buyers must have cash or certified check or current letter of credit from bank.

SELL IT WITH A LANCASTER FARMING CLASSIFIED



HISTORIC
COLUMBIA MARKET HOUSE
Farmer's Market Since 1869
Columbia, PA

OPPORTUNITY for management of existing Farmer's Market. The Borough of Columbia will be receiving proposals for a long-term lease/management agreement on the Columbia Market House, for continuing use as a Farmer's Market.

Interested parties contact: Gary Myers, Borough Manager, Borough Offices, Columbia, PA 17512 (717) 684-0221 8 A.M. - 5 P.M., Monday - Friday.

Also: STANDHOLDERS - Select stands still available for 1988. Reasonable rates, all products welcome.

Contact: Gary Myers, Borough Manager, (717) 684-0221

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CFS PFA COMMODITY FUTURES SERVICE, INC.

THE OLD FARMER'S ALMANAC

JULY 4-10, 1988

Summer malaise through the long, hot days.

Independence Day July 4 . . Earth at aphelion July 5 (Tues.) . . William Booth founded The Salvation Army in London July 5, 1865 Last quarter of the moon July 6 (Wed) . . First passport issued to a U.S. citizen July 8, 1796 Average length of days for the week 15 hours, 9 minutes . *Telstar*, the first privately owned satellite, launched July 10, 1962 *Who weds ere he be wise shall die ere he shall thrive.*

Ask the Old Farmer: Can you tell me what a "Cape Cod cellar" is? I have heard it described as a round area, like the inside of a silo, lined with old bricks What was it used for? C J, Berkeley Heights, N.J

These cisterns were sometimes built in the cellars of houses where water was apt to be scarce at times. Eaves troughs were put on the house and piped to the cistern When the well went dry, this rainwater would come in handy for washing

Home Hints: Pinch the tops of basil and other annual herbs to encourage bushy growth

OLD FARMER'S WEATHER FORECAST

New England: Week begins clear and hot, midweek rainy and mild, end of week sunny.

Greater New York-New Jersey: Beginning of week cool north; rainy and cold mid through end of week

Middle Atlantic Coastal: Heat wave at beginning of week with showers north; warm temperatures with possible thundershowers mid through end of week

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Greencastle Livestock

Greencastle, Pa.

Monday, June 27, 1988

CATTLE 454 HEAD. SLAUGHTER STEERS 115 - CHOICE & PRIME 65.00-68.75; GOOD & CHOICE 61.50-67.00; GOOD & CHOICE - HOLSTEIN 56.00-61.75; STANDARD & GOOD — HOLSTEIN 51.00-56.50. SLAUGHTER HEIFERS 70- CHOICE 64.00-68.25; GOOD & CHOICE 60.50-65.75; STANDARD & GOOD 53.00-61.00. COWS 195- UTILITY & COMMERCIAL 43.50-47.50, FEW TO 49.50; CUTTER & BONING UTILITY 42.00-46.75, FEW TO 48.00, CANNER & LOW CUTTER 42.50 & DOWN. BULLS - ALL WEIGHTS 34- YIELD GRADE 1 55.00-62.50, FEW TO 65.00; YIELD GRADE 2 48.00-55.50. STOCKER CATTLE - ALL WEIGHTS 40- STEERS - MEDIUM & GOOD 60.00-72.00; HEIFERS - MEDIUM & GOOD 53.00-65.50, FEW TO 70.00; BULLS - MEDIUM & GOOD 50.00-60.00; STEERS - HOLSTEIN 54.00-64.00.

CALVES 701 HEAD — GOOD & CHOICE 125-250 LBS. 90.00-108.00; MEDIUM & GOOD 125-250 LBS. 75.00-91.00; MEDIUM & GOOD 80-120 LBS. 94.00-104.00; LIGHT & CULL - ALL WEIGHTS 94.00 & DOWN; HOLSTEIN BULLS - RETURN TO FARM UP TO 136.00, BULK 120.00-131.00; HOLSTEIN HEIFERS - RETURN TO FARM UP TO 105.00.

LAMBS, SHEEP & GOATS 97 HEAD. CHOICE LAMBS 52.00-56.00; MEDIUM & GOOD LAMBS 42.00-50.00; LIGHT AND CULL LAMBS 35.00-42.00; SHEEP, EWES & BUCKS 12.00-22.00; GOATS ALL SIZES — (BY HEAD) SMALL 12.00-25.00, LARGE 26.00-60.00.

HOGS 157 HEAD. NO. 1-3 BUTCHER HOGS - 190-225 LBS. 42.00-44.75; NO. 1-3 BUTCHER HOGS - 225-250 LBS. NONE; NO. 1-3 BUTCHER HOGS - 250-300 LBS. 36.00-42.00; GOOD BUTCHER SOWS - 400 LBS. DOWN 30.00-35.00; GOOD BUTCHER SOWS - 400 LBS. UP 26.00-34.50; HEAVY BOARS - OVER 300 LBS. 22.00-24.50, LIGHT 29.00-34.00; PIGS - ALL SIZES (BY HEAD) 22.00-32.00.

4 LOADS- MIXED 55.00-62.50

SALE EVERY MONDAY AFTERNOON AT 3:30 P.M & THURS AT 1 00 P.M.

HAY & STRAW SALE EVERY MONDAY & THURS. AT 11:30 A.M.

Leesport Livestock Auction

Leesport, Pa.

Wednesday, June 29, 1988

Report Supplied by PDA

CATTLE 156...PDA. .Compared to last Wednesday's market: Slaughter cows $1.50 to $3 higher. Few High Choice & Prime 1250/1375 lbs. sl. steers 67-69.85, Choice 1050/1235 lbs. 65.25-67.10, few Select 60-63.75; Select & Choice 1200/1600 lbs. holsteins 58.75-64.85, few Standard 53.00-58.00. Few Choice sl. heifers 60.75-63.25, few Select 59.25-60.00. Breaking Utility & Commercial sl. cows 46.25-49.50, Cutter & Bon. Utility 44-47.25, one 50.25, Canner & Low Cutter 39.75-44.75, Shells down to 32.00. One Choice sl. bullock 67.00, few Select 57.00-61.50. Few Yield Grade No. 1, 1300/1935 lbs. sl. bulls 59.00-68.85, one 54.50, few No. 2, 1300/1600 lbs. 49.50-50.00. FEEDER CATTLE: One Lot Large Frame No. 2, 550 lbs. heifers 63.50. One Lot Large Frame No. 1, 377 lbs. bulls 78.00.

CALVES 170...Vealers grading Standard and Good $5 to $8 lower. Few Choice 100.00-107.00, few Good 82.00-92, Standard and Good 85/105 lbs. 85.00-91, few 70/85 lbs. 70.00-81, few Utility 100/120 lbs. 70.00-80, few 55/65 lbs. 50.00-64.00. Farm Calves: Holstein Bulls 90/125 lbs. 120.00-141, some down to 95.00, few 70/90 lbs. 83.00-100; few Hol. Heifers 100/150 lbs. 95.00-111.00. Beef cross bulls & heifers 80/120 lbs. 112.50-140.00. Few Good & Choice 325/380 lbs. slaughter calves 79.00-86.00.

HOGS 509...Barrows and Gilts $4 to $5 lower. US No. 1-2 220/235 lbs. 45.35-46, 1-3 220/250 lbs. 44.00-45, 190/220 lbs. 40.00-44, 2-3 230/260 lbs. 43.25-44, few down to 42.00, 2-4 260/270 lbs. 41.25-42.50. Sows $4.50 to $5.50 lower. US No. 1-3 290/500 lbs. sows 28.00-31.25, few 35.50, few 500/580 lbs. 26.00-29, few 2-3 390/650 lbs. 25.00-28, few Medium 300/440 lbs. 25.00-27.50. Boars 22.00-25, couple 20.00, few Light weights 25.00-30.00.

FEEDER PIGS 458...US No. 1-3 20/30 lbs. feeder pigs 71.00-76.00, 35/55 lbs. 61.00-71, few 75/85 lbs. 57.00-59, few 100/135 lbs. 46 00-51, few Utility 25/30 lbs. 61.00-63.00 --- all per hundredweight; 15/20 lbs. 15.00-20.00(per head).

SHEEP 83...Few High Choice & Prime 40/50 lbs. spring slaughter lambs 65.00-75.00, small lot 30 lbs. 95.00, 60/95 lbs. 52.00-57, one 60.00, Good & Choice 60/80 lbs. 50.00-55.00, few Good & Choice 40/60 lbs. feeder lambs 57.00-72.50. Slaughter sheep 14.00-25.00. Few Yearlings and two year olds 31.00-45.00.

GOATS 39. .Large Adults 41.00-65.00, Large Kids 26.00-39.00, Small Kids 17.00-23.00 --- all per head.

Oklahoma City Feed Cattle Weekly

Wed., June 29, 1988

WEEKLY CATTLE SUMMARY: FEEDER STEERS AND HEIFERS UNDER 500 LB. 3.00- 5.00 HIGHER; OVER 500 LB. 2.00-4.00 HIGHER. FEEDER DEMAND GOOD; TRADE ACTIVE. RUN LIGHT. ACTIVE TRADE ON SLAUGHTER CATTLE IN TEXAS AND KANSAS EARLY IN THE WEEK ADDED A BULLISH NOTE IN FEEDER CIRCLES. SKYROCKING GRAIN PRICES HALTED, TURNED SHARPLY DOWNWARD THE PAST TWO DAYS. DETERMINING THE VALUE OF FEEDER LIVESTOCK HAS BEEN VERY DIFFICULT THE PAST THREE WEEKS. SLAUGHTER COWS 2.00 HIGHER. SLAUGHTER BULLS STEADY TO 1.00 HIGHER, MOSTLY STEADY. COW DEMAND GOOD. BULL DEMAND MODERATE. OKLAHOMA RECEIVED RAINS THIS WEEK, AMOUNTS VARIED GREATLY HOWEVER LARGE SHARE OF THE STATE RECEIVED MOISTURE. RECEIPTS THIS WEEK 8,600; LAST WEEK 14,704; LAST YEAR 12,566. COWS AND BULLS 8% OF RUN. QUOTES FOR THE WEEK FOLLOW:

FEEDER STEERS: MEDIUM AND LARGE FRAME 1, FEW 200-300 LB. 91.00-99.50; 300-400 LB. 92.50-98.50; 400-500 LB. 82.25-95.50, CLOSING 86.50 UP; 500-600 LB. 75.00-88.50, MOSTLY 76.50-85.50; 600-700 LB. 71.75-77.00, BULK 72.00-76.25; 700-750 LB. MOSTLY 71.50-74.25; 750-800 LB. 68.00- 74.00, BULK 70.00 UP; 800-900 LB. 66.75-70.25. HOLSTEIN STEERS, LARGE FRAME 2, 500-525 LB 67.50-67.75; 600-675 LB. 57.25-61.75; 775-800 LB. 56.00-57.50; 800-900 LB. 54.25-57.00.

FEEDER HEIFERS: MEDIUM AND LARGE FRAME 1, 200-300 LB. FEW 84.00- 84.50; 350-400 LB. CLOSING 77.50-86.75; 400-500 LB. 73.25-81.75; 500-600 LB. 68.00-72.00; 600-700 LB. 67.50-71.00; 700-800 LB. 64.75- 68.00.

SLAUGHTER COWS: BREAKING UTILITY 3-4, 40.00-44.75. CUTTER AND BONING UTILITY 1-2 40.00-45.00. CANNER AND LOW DRESSING CUTTER 36.00-40.00.

SLAUGHTER BULLS: Y.G. 1, 1200-2100 LB. 48.00-57.00, CLUSTERING 50.00- 54.00.

Keister's Middleburg Auction

Middleburg, PA

Tuesday, June 28, 1988

CATTLE 291 .PDA . Compared with last weeks market· Slaughter steers and cows about steady Choice 1050/1500 lbs. sl. steers 64 85-67.85, few Select 60.00-65.50,few Select & Choice holsteins 57.00-63.25. Choice sl. heifers 60.00-63.60, few Choice holsteins 56.25-61.75. Breaking Utility & Commercial sl. cows 43.50-48.25, Cutter & Boning Utility 42.75-46.75, Canner & Low Cutter 39.75-43, Shells down to 33.00. Yield Grade No. 1, 935/1965 lbs. sl. bulls 53-64.50, one 66.00. Feeder Cattle: Few Medium & Large Frame No. 1, 400/525 lbs. 70.00-84.00. Few Medium Frame No. 1, 400/750 lbs. heifers 57.00-63.00.

CALVES 180...Few Choice & Prime vealers 94.00-111, few Good 90.00-94, Standard and Good 75/100 lbs. 87.00-94, Utility 60/90 lbs. 80.00-86.00. Farm Calves: Holstein Bulls 90/130 lbs. 89.00-140, couple 146.00; Holstein heifers 70/175 lbs. 94.00-110.00.

HOGS 700...US No. 1, 215/235 lbs. barrows and gilts 48.00-49, 1-2 210/245 lbs. 47.00-48, 2-3 200/250 lbs. 46.00-47, 2-4 200/270 lbs. 42.00-46.00. US No. 1-3 270/650 lbs. sows 27.00-30, few light weight to 40.00, 2-3 270/575 lbs. 24.00. Boars 25.00-32.00.

FEEDER PIGS 590...US No. 1-3 20/35 lbs. feeder pigs 18.00-24.00, 1-3 35/50 lbs. 20.00-30.00, 60/75 lbs. 33.00-37.00, lot 125 lbs. 45.00 --- all per head.

SHEEP 65...Few Choice 40/50 lbs. spring slaughter lambs 72.00-85.00, 50/100 lbs. 54.00-69.00. Slaughter sheep 13.00-39.00.

GOATS 30...Large 40.00-79.00, Small & Medium Kids 17.00-30.00 -- all per head.

HAY & STRAW SALE
12 Noon Every Wednesday
CHANGE OF LOCATION STARTING MAY 25
Located Gum Tree area. Going south on 41, at Cochranville turn left, one block turn right, go about 5 mi. on the right hand side. Watch for sale signs.
Harvey Z. Martin
215-383-6686 (Office)
215-445-5303 (Residence)

KING'S AUCTION KIRKWOOD
Hay, Straw and Grain Auction
EVERY TUESDAY
12:00
Located Rt. 472 5 miles south of Quarryville or 6 miles north of Oxford corner of Rt. 472 and Noble Road at Rouse Tobacco Station.
Lloyd H. Kreider, Auctioneer AU-000513L
No out of state checks
ALL TRUCKERS AND FARMERS WELCOME

PLEASE NOTE!
Change of Location to Home Farm On Hill Rd.
FRIDAY, JULY 29 - 1:00 PM
ON THE FARM MONTHLY
BRED GILT SALE
Sale To Start Promptly Every 4 Weeks
Located 4 miles east of former location, 1 mile off 472 midway between Quarryville & Oxford, PA, 1 mile south of Kirkwood, turn west off 472 at Union Church (Street Rd.) 1 mile to crossroad turn left, 2nd farm on right. Hill Road. Watch for sale signs.
Validated Brucellosis Free Herd #169
Qualified Pseudorabies Free Herd #55
50 to 60 Head
We will no longer have White Diamonds, it will be the next generation or F2's crossbred to Chester White. Very nice gilts.
Vaccinated for Lepto, Erysiplas, Rhinitis, E'Coli, Pasteueralla
Hand mated with Breeding Dates
Local Truck Available
No Hogs Sold On Commission
JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa.
Abe Diffenbach, Auctioneer AU225L
NEXT SALE FRI., AUG. 26, 1:00 P.M.

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Question: Mr. Egg Producer, Are You Getting Service After The Sale?

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Livestock market and auction news

VIRGINIA MARKETS

Virginia Weekly

Richmond, Va.
Thursday, June 30, 1988

WEEKLY REVIEW IN VIRGINIA MARKETS IN REVIEW; JUNE 23-29, 1988. FEEDER STEERS AND HEIFERS IN VIRGINIA LAST WEEK WERE $1.50-2.00 HIGHER AS MIDWEST PRICES WERE $5.50-6.50 HIGHER.

SLAUGHTER STEERS AND HEIFERS IN VIRGINIA LAST WEEK WERE $5.00 LOWER AS MIDWEST PRICES WERE MOSTLY STEADY. THE BOXED BEEF CUT-OUT VALUE ON TUESDAY WAS $106.77 DOWN $2.15 FROM LAST TUESDAY.

COWS AND BULLS AT VIRGINIA AUCTIONS LAST WEEK WERE $1.00-3.00 HIGHER AS MIDWEST PRICES WERE STEADY TO $1.00 HIGHER. BEEF PRODUCTION WAS 2 PERCENT ABOVE A WEEK AGO BUT LESS THAN 1 PERCENT ABOVE A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 17 POUNDS HEAVIER THAN LAST YEAR.

VEAL AND CALF PRICES AT VIRGINIA AUCTION LAST WEEK WERE STEADY AS MIDWEST PRICES WERE STEADY TO WEAK. VEAL AND CALF SLAUGHTER WAS THE SAME AS LAST WEEK BUT 14 PERCENT BELOW A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 18 POUNDS HEAVIER THAN LAST YEAR.

LAMB PRICES AT VIRGINIA AUCTIONS WERE STEADY TO $2.00 HIGHER AS MIDWEST PRICES WERE STEADY TO $1.00 HIGHER. LAMB SLAUGHTER WAS DOWN 3 PERCENT FROM LAST WEEK BUT 5 PERCENT ABOVE A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 4 POUNDS HEAVIER THAN LAST YEAR.

SLAUGHTER HOGS IN VIRGINIA LAST WEEK WERE $3.00-4.00 LOWER WHILE MIDWEST PRICES WERE $1.25-1.50 LOWER. FRESH PORK PRICES WERE VERY UNEVEN LAST WEEK. PORK PRODUCTION WAS 1 PERCENT BELOW A WEEK AGO BUT 13 PERCENT ABOVE A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 4 POUNDS HEAVIER THAN LAST YEAR.

THE RICHMOND HOG MARKET CLOSED 1.50 LOWER THAN LAST TUESDAY. WITH BARROWS AND GILTS US 1-4 200-240 LBS AT $43.00-43.50 PER CWT.

THE SOUTHEAST VIRGINIA HOG MARKET CLOSED 1.50 LOWER THAN LAST WEDNESDAY WITH BARROWS AND GILTS US 1-4 200-240 LBS AT $43.50-44.50 PER CWT.

AT HARRISONBURG, LYNCHBURG AND TAPPAHANNOCK HOG PRICES WERE $1.50-2.00 LOWER THAN LAST WEDNESDAY AT $42.00-46.00. SOWS RANGED $26.00-28.00 AND BOARS $20.00 PER CWT.

SLAUGHTER STEERS AND HEIFERS 1% SLAUGHTER COWS 24%, SLAUGHTER BULLS 3%, SLAUGHTER CALVES AND VEALERS 2%, FEEDER CATTLE UNDER 600 LBS 58%, OVER 600 LBS 12%.

PRICE RANGES FOR VIRGINIA AUCTIONS: SLAUGHTER CATTLE STEERS; CHOICE 2-3 1000-1150 LBS 64.00-66.00 CHOICE 2-3 1150-1300 LBS 59.00-67.25 HEIFERS; CHOICE 2-3 1000-1150 LBS 61.50 UTILITY & COMMERCIAL COWS 34.00-47.75 BULLS; 1-2 900-1300 LBS 44.00-58.00 1-2 1300-1600 LBS 49.75-62.00 1-2 1600 LBS & OVER 49.25-61.00 SLAUGHTER CALVES AND VEALERS VEALERS - HIGH CHOICE AND PRIME 100-250 LBS 78.00-90.00 GOOD AND CHOICE 100-250 LBS 73.00-89.00 CALVES - GOOD AND CHOICE 250-500 LBS 64.00-80.00 SLAUGHTER LAMBS HIGH CHOICE & PRIME 95-125 LBS SPRING 48.25-52.00; BUCKS 48.00-49.50 SLAUGHTER HOGS US 2-4 200-250 LBS 40.50-45.00 SOWS US 1-3 300-500 LBS 25.00-35.00; 500 LBS & OVER 25.90-31.75 FEEDER CATTLE STEERS; MEDIUM 1 300-500 LBS 74.50-88.00 500-700 LBS 73.00-87.50 HEIFERS; MEDIUM 1 300-500 LBS 73.50-84.00 FEW 65.00 500-700 LBS 60.00-70.00.

SE & Central Virginia Livestock Summary

Tues., June 28, 1988
Lynchburg, VA

ALL TRENDS COMPARED TO LAST MONDAY.

SLAUGHTER CATTLE 89 HEAD - NO TRENDS REPORTED.

SLAUGHTER COWS 64 HEAD CUTTER & BNG.UT. 1-3 35.00-43 00 BRKG.UT. & COMM. 2-4 34.00-46.50 CANNER & LOW CUTTER 1-2 25.00-30.00.

SLAUGHTER BULLS 4 HEAD - 1-2 1300-1600 LBS 53.25-56.50.

SLAUGHTER CALVES AND VEALERS 21 HEAD VEALERS - HIGH CHOICE AND PRIME 100-250 LBS 83.00-90.00 GOOD AND CHOICE 100-250 LBS 73.00-81.00 CALVES - GOOD AND CHOICE 250-500 LBS 64.00-77.00.

FEEDER CATTLE 133 HEAD - NO TRENDS REPORTED. STEERS; MEDIUM 1 SMALL 1 MED.&LARGE 2 200-300 78.50 77.50 --- 300-400 71.00-81.00 --- --- 400-500 72.75-76.00 62.00-68.50 64.00-73.00 500-600 68.00 --- 63.00 600-700 66.75 --- --- 700-800 57.50-64.75 --- --- 800-900 64.75 --- --- 900-1100 60.00-62.00 --- --- HOLSTEIN STEERS; MED &LARGE 1-2 300-500 LBS 68.50-76 00-500-700 LBS 56 50-64.50.

HEIFERS; MEDIUM 1 SMALL 1 MED.&LARGE 2 300-400 67.50-73.00 --- 57.50-63.25 400-500 64.00-66.00 62.75 56.50-63.00 500-600 60 00-62 50 --- 58.50 600-700 --- --- 53.75-56.25 FEEDER BULLS; MEDIUM 1 SMALL 1 MED.&LARGE 2 200-300 LBS 72.00-89.50 64.00 68.00 300-500 LBS 73.00-85.00 57.00-69 00 70.00-72.50 500-700 LBS 58.50-63.00 --- --- 700-900 LBS 55.50-60.00 --- --- COWS WITH CALVES AT SIDE 3 PAIR; M-1, 750-1000 LBS WITH CALVES 100-230 LBS 515 00-615.00 PER PAIR. BABY CALVES RETURNED TO FARMS 18 HEAD NEWBORN TO 4 WK OLD 45.00-67 50 PER HEAD. OVER 100 LBS 87.00-97.50 PER CWT

STATE GRADED FEEDER CATTLE 45 HEAD SOLD AT LYNCHBURG.

STEERS, MED &LARGE 1 MED &LARGE 2 300-400 83 50 --- 400-500 86.00-91 00 73 50-84.00 500-600 70 00-78 50 74 00 600-700 68.00-68 50 69 50 700-800 66 75-68 75 ---

HEIFERS, MED &LARGE 1 MED.&LARGE 2 300-400 70 50-71 50 --- 400-500 66.00-70 00 -=-- 500-600 62 50-63.50 54 00-58 25 600-700 --- 60 75.

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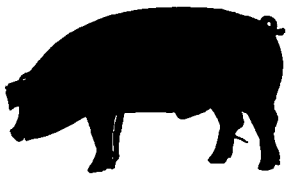

RECEIVING HOGS:
LANCASTER COUNTY FARMERS
MONDAYS: McCoy's Branch Office, Bareville
WEDNESDAYS: (Next to Bawells Butcher Shop)
& FRIDAYS: on Butler Rd. 717-656-9668
TUESDAYS: B & R Cattle
THURSDAYS: Marietta
717-426-3258

YORK COUNTY FARMERS
MONDAYS: Stewartstown
717-993-2564
TUESDAYS: Thomasville
717-792-2248 or 9836

DEWART AREA FARMERS
WEDNESDAYS - Dewart Sale Barn,
717-538-9835

Contact for Information:
Ron Myers, 717-656-3291
Ed Herrmann, 717-284-3203
or Charlie Kauffman, 215-593-5674
Future forward contracts available

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Pennsylvania Beef Council, Inc.
EXECUTIVE DIRECTOR

The Board of Directors seeks a professional staff person who is dedicated to improvement of the livestock, beef, and veal industries to serve as chief executive officer of the **Pennsylvania Beef Council** and is responsible for managing the programs and affairs of the Council.

Qualifications:

The successful candidate should have a broad knowledge of the livestock industry; some knowledge of food industry promotion and merchandising, consumer education and promotion, and trade association operations, management, budget preparation, etc. Previous experience with a trade association is desirable. The candidate should have an extensive knowledge of the Beef Promotion and Research Act as it applies to state beef councils. Superior skills in written and verbal communication are essential.

The candidate must be a team player who is able to motivate and work well with others and functions as an independent professional.

Combined training and experience must be equivalent to not less than a B.S. degree.

Responsibilities:

Examples of responsibilities: administer Council office operations and staff, administer beef check-off collection and distribution, define beef and veal promotion program goals, prepare marketing plans, coordinate state plan with national programs, participate in certain promotional events, represent PBC at state and national meetings, communicate with livestock producers and others and perform usual functions required of an association office.

Salary: Commensurate with experience and qualifications.

Qualified persons interested in this challenging position should send a resume of education, experience, and salary requirements, together with names and phone numbers of references to:

Search Committee
Pennsylvania Beef Council
4714 Orchard Street
Harrisburg, Pennsylvania 17109

Applications must be received by July 25, 1988.

Inquiries can be directed to:
Robert R. Coleman, Executive Director 717-545-6000

Lancaster Farming

OPINION

This Makes You Think

An Ephrata beef farmer made a significant statement this week that makes you think. This farmer is the kind of guy who would stay out of public view and controversy at all possible costs. He is a good farmer and a conscientious family man. He finishes about 101 to 110 steers at a time and sells them at local markets.

This year he sold all but 21 of his steers prior to the beef referendum. The steers he sold up to about three weeks ago averaged $78.35. Last week the remaining 21 head averaged $68 with several selling as low as $63. With astonishment in his voice, this farmer said, "It's absolutely incredible that the market could drop $10 in 2 weeks time."

And since this farmer opposed the check-off he couldn't help think that if the beef referendum had not been taken until July 11 the price may have been held up long enough that he could have sold all his steers at the high price.

Of course the experts say, the price drop is because of the drought. They say farmers have evaluated the feed situation and have rushed excess cattle to market. But we've only heard about the drought in the popular press the last several weeks. At corn planting time we thought we had too much rain. So these farmers must have made some really quick decisions in the past two weeks to market enough extra dairy and beef cattle to depress the market $10.

In addition, we already have an extremely low number of beef cattle in the national herd. And since the "buy-out", dairy cow numbers are not that excessive. But the best proof that excess numbers of cattle have not gone to market in the last several weeks can be found in the market reports. For example, the Lancaster Weekly Market Report shows 4100 head of cattle moved on May 28, the week we reported that the beef referendum had passed. On June 25, the week our Ephrata farmer sold his last steers, after the market made its tremendous drop, 3400 cattle were reported moved in Lancaster County. That's less, not more.

Maybe the beef market's fall is due to post referendum let-down as this Ephrata farmer believes. Maybe it's the weather. Or the speculators in Chicago. Or all of the above. Whatever the reason, farmers may be pardoned if they consider these market moves incredible. The situation makes anyone who loves farming stand back and think.

NOW IS THE TIME

By Jay Irwin
Lancaster County Agriculture Agent

To Be Aware of Feeding New Grain

The barley harvest is completed much earlier this year and soon farmers may be considering using this new grain in their feeding program. Feeding new grains to livestock is possible, under very careful management. If fed in too large amounts, digestive disorders such as bloating and scouring may occur. We suggest that the grain be allowed to go through a two week curing period before being fed. Then it should be included into the grain ration at a slow rate -- 10 to 20%.

Barley is a popular livestock feed and is a good substitute for corn. In a week or two wheat will be ready and may also be fed with care. Again, it should be allowed several weeks to cure before feeding. Wheat is not used as much for feeding purposes because of the digestive problems. Smaller amounts in the ration, compared to barley, are suggested. Barley and wheat can be used as livestock feeds, but need special care when mixing in livestock rations.

To Use Caution When Shipping Hogs

During very hot weather we must be very careful when shipping hogs. Losses do occur because of careless hauling during hot weather.

There are ways to prevent these losses. Whenever it's possible, have these hogs to market early or late in the day -- when it's coolest. Avoid mid-day or early afternoon trips. That's when temperatures are the worst.

While the hogs are being loaded onto the trucks, take things easy. Don't hurry them. If you do, they'll just become overheated. And, to make sure they can be comfortable in the truck, use wet sand for bedding. Don't use straw or other materials that hold heat and fail to help cool the animals.

Once the animals are loaded, start right then for the market -- and go directly to the market without stopping. Take these few precautions and you'll market all your hogs instead of just some of them.

To Control Canada Thistle

Canada thistles are listed as a noxious weed in Pennsylvania; this means they should be controlled and not allowed to go to seed. Too often we see what some people call "summer snowflakes" floating through the air; these are not snowflakes but thistle seeds. We should insist that these be mowed or sprayed to prevent seed formation.

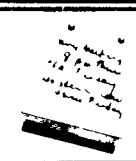
Most townships have noxious weed ordinances to prevent the spread of Canada thistles and other noxious weeds. These ordinances should be enforced for the best interest of all farmers. You can spot spray with Banvel or Roundup for control. Be sure to follow all label instructions. We urge everyone to do something about this problem.

To Review Insurance Coverage

For the past several decades the value of farm buildings and personal property have been on the increase. In order to cope with this situation we have frequently suggested that property owners adjust their insurance coverage so that replacement cost will be covered, rather than original cost. The same situation holds true with personal property as well as buildings. We are aware that some losses in the past have not been sufficiently covered with insurance and the farmer was the loser.

Unless the insurance program has been adjusted in the past few years, we suggest that your insurance agent be contacted for guidance.

Farm Calendar



Saturday, July 1
July is Ice Cream Month

Tuesday, July 5
Small Fruits Meeting, Ag Building, Tunkhannock, 7:30 p.m.

Wednesday, July 6
Philadelphia Ice Cream Day, Independence Mall
Eastern Junior Holstein Judging School, Columbia/Luzerne counties. Runs through the 7th.
Northeast Forest Tree Conference, Penn State. Runs through the 8th.
Huntingdon regional 4-H achievement day, Juniata Valley Elementary School.

Thursday, July 7
1988 Keystone Tour By Ciba-Geigy and FMC Corp., New Holland Community Park, 9:15 a.m.
Centre County Bar-B-Que and Twilight Meeting, Bruce Ulmer Farm, 7:00 p.m.
Row Crop Srayer meeting, 7:30 p.m.
AA Angus Breeders' Show, Center Hall. Runs through the 9th.
Mercer Co. Feed Ration test, 4-H Park. Call extension agent 662-3141.

Friday, July 8
Western Junior Holstein Judging School, Armstrong/Indiana Counties, runs through the 9th, noon to noon.
Mercer Co. Guernsey Ice Cream Festival.

Saturday, July 9
Schaefferstown Folk Festival, Alexander Schaeffer Farm.

Saturday, July 9
Ice Cream Day in Adams County, recreational park, Gettysburg, 2-8 p.m.
Mercer Co. Holstein Club picnic, Lake Wilhelm, 1 p.m.

Monday, July 11
Dairy Laboratory Workshop, two week demonstration of all milk tests and includes tests to become PDA Dairy Lab Director.

Tuesday, July 12
PA Purebred Dairy Cattle Association, Judging school, Crawford County, 9 a.m., through the 13th.
National meeting, Brown Swiss cattle breeder, Clock Tower Resort, Rockford, Ill.
Lancaster Co. Fruit Growers Mtg., Brooklawn Farm, Neffsville, 7 p.m. geared to small fruits.
Annual Baltimore County 4-H Fair, State Fairgrounds, Timonium, Md. 8 a.m. to 10 p.m., through the 16th.

Wednesday, July 13
Lancaster County Dairy Barn meeting, Lapps Valley Farm, New Holland.

Thursday, July 14
Bedford County Holstein Quality Sale, Bedford, 7 p.m.
Mifflin County Holstein Club Picnic, Ed Glick Farm, Bellevill, 7 p.m.
Oregon Dairy, Oregon, 7:30 p.m.

Friday, July 15
PA Association of Conservation District Director's meeting, State College, through the 16th.

Saturday, July 16
PA Angus Summer Field Day, Loysville (Perry)
PA Ayrshire Field Day, Wentworth Farm, Quarryville, 10:30 a.m.
Maryland Jersey Cattle Field Day, Frederick County Fairgrounds, MD, 10:30 a.m. Contact Stan Lutz at Ag Center, Westminister.

(Turn to Page A39)

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THE BIBLE SPEAKS
BY LAWRENCE W ALTHOUSE

WHAT'S THE MEANING OF THIS?

July 3, 1988

Background Scripture:
Exodus 12:1-27.
Devotional Reading:
Luke 22:14-20.

So long as there have been human beings on this planet, there have been religious rituals. And, so long as there have been religious rituals, there have been children asking why they should be expected to perpetuate rituals that seem to have no significance for the present.

This was the question which Moses anticipated when he instructed the people of Israel concerning the annual observance of the Passover. First, he charged them to "Observe this rite as an ordinance for you and for your sons forever." Then, he goes on to say, "And when your children say to you, 'What do you mean by this service?' you shall say 'It is the sacrifice of the Lord's passover...'" (Exodus 12:24-27a).

NEVER FORGET

It was important, not only that Israel should perpetuate this rite, but also that each generation should fully understand why--that, by the grace of God, the people of Israel had been saved from the terrible plague by which the first born of Egypt were slain. The people must never forget that God has saved them for the sake of his purpose. Without his intervention, they never would have escaped their Egyptian bondage.

So, just as the Hebrews needed to remember what God did for them in Egypt, so there are things in our own heritage that we must never forget. At the time when something very special happens, it seems we will never forget. We vow to remember the day forever. But, despite our good intentions, we often forget these great events and take for granted what they mean to us.

Often, that is the way it is when God has done something significant in our lives. We promise that we will always be grateful, but "always" is often short-lived. So we need some rituals and celebrations to remind us of what we must never forget --- Thanksgiving and our dependence upon God's bounty, the Fourth of July and our independence, Memorial Day and the people who have given their lives in the service of their country, and so forth.

REMEMBER WHY

Unfortunately, we sometimes are faithful in keeping the rituals and celebrations, but what we neglect is the passing on the "why" of it. Thanks giving becomes just another excuse for gorging ourselves; Independence Day is simply a "day off," an opportunity for picnics and outings. The purpose is not the keeping of a celebration, but remembering what is behind it. There are parts of our past that we must never forget, because they are so relevant for our present and significant for our future.

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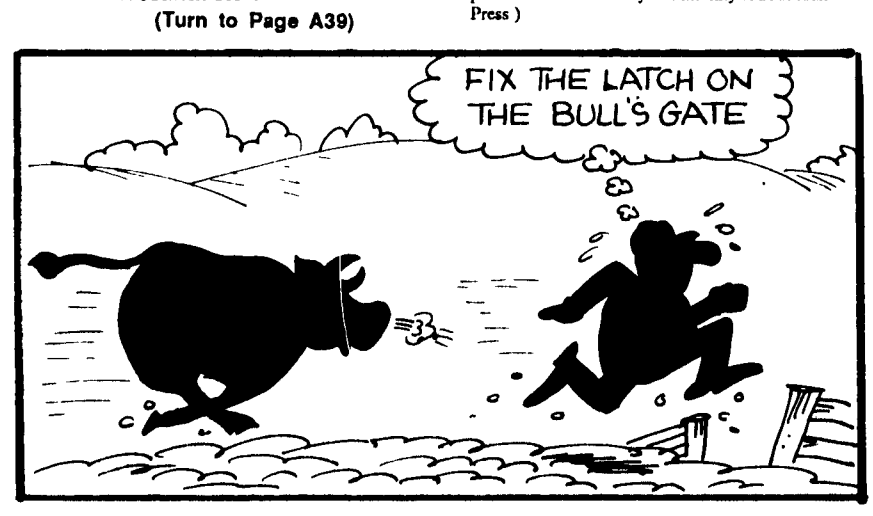

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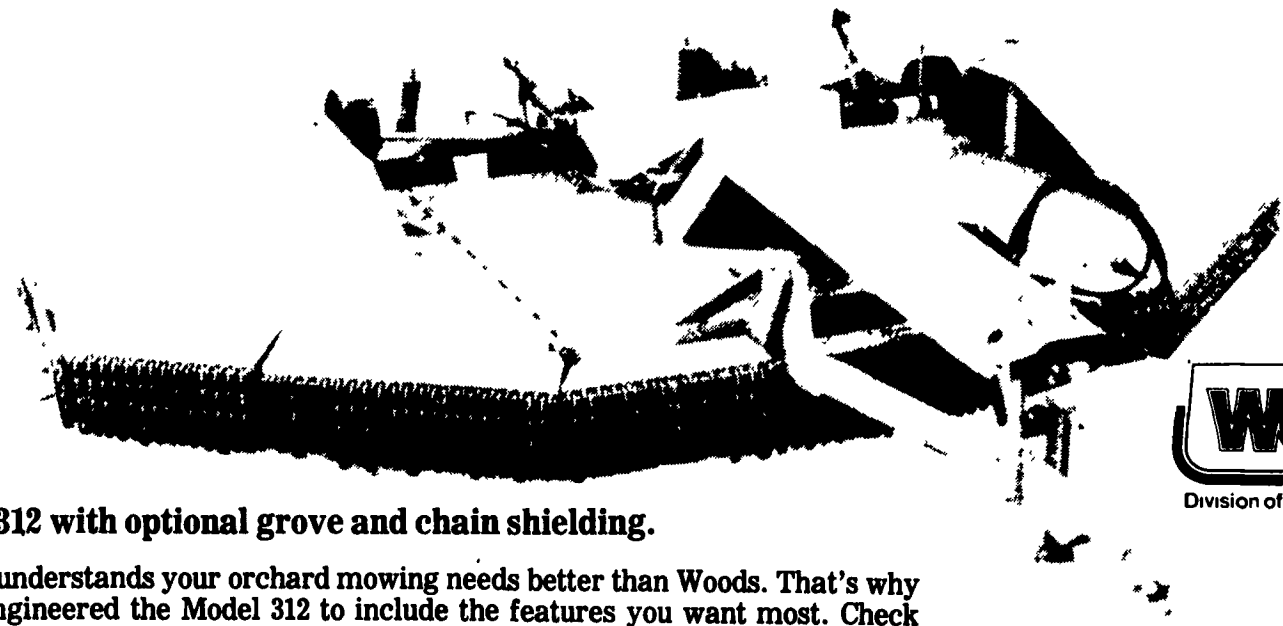

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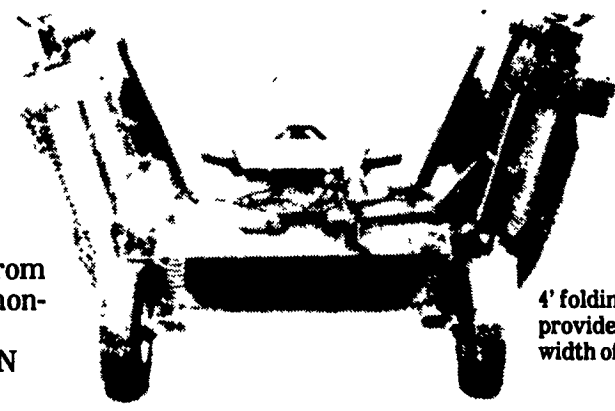

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N. Virginia Livestock Summary

Marshall (Fauquier) & Staunton Union, VA

Tues., June 28, 1988

SLAUGHTER HOGS 60 HEAD - BARROWS AND GILTS 50 CENT LOWER. SLAUGHTER SOWS STEADY. BARROWS AND GILTS US 2-4 200-250 LBS 44.50 SOWS US 1-3 300-500 LBS 25.00-31.00 500 LBS & OVER 29.00-31.00 BOARS 21 00-23 50.

SLAUGHTER CATTLE 97 HEAD - SLAUGHTER COWS 1 00-1.50 HIGHER. SLAUGHTER BULLS STEADY.

SLAUGHTER COWS 83 HEAD CUTTER & BNG.UT. 1-3 37 00-46 25 BRKG.UT. & COMM. 2-4 38 00-45 25 CANNER & LOW CUTTER 1-2 35.00-41.00

SLAUGHTER BULLS 14 HEAD - 1-2 900-1300 LBS 49 00-55.00 1-2 1300-1600 LBS 53.75-55.00 1-2 1600 LBS & OVER 53.75-57.00.

LAMBS 75 HEAD - SLAUGHTER LAMBS STEADY HIGH CHOICE AND PRIME 95-125 LBS SPRING 51.00 CHOICE 85-125 LBS SPRING 50.00 FEEDER LAMBS CHOICE AND FANCY 70-85 LBS 52.25 SLAUGHTER EWES ALL GRADES 15.00-18 00.

FEEDER CATTLE 242 HEAD - NO TRENDS REPORTED STEERS, MEDIUM 1 LARGE 1 300-400 79.00-86.00 -- 400-500 75 00-80 00 77.00-80 00 500-600 78 00-87.50 --- 700-800 65.50 --- 800-900 65 00 --- 900-1100 60.00 ---.

HEIFERS, MEDIUM 1 MED.&LARGE 2 400-500 63 75-67 00 65 00 500-600 62 00-66 00 --- 600-700 60 00-62 00 -- FEEDER BULLS, MEDIUM 1 600-700 LBS 63.00 BABY CALVES RETURNED TO FARMS 51 HEAD NEWBORN TO 4 WK OLD 35.00-117 00 PER HEAD OVER 100 LBS 70 00-100 00 PER CWT

SW Virginia Livestock Summary

Tues., June 28, 1988

Wytheville, VA

ALL TRENDS COMPARED TO LAST TUESDAY.

SLAUGHTER HOGS 28 HEAD - NO TRENDS REPORTED BARROWS AND GILTS US 2-4 200 250 LBS 40 50 SOWS US 1-3 300-500 LBS 26 50-27 50 BOARS 21.75.

SLAUGHTER CATTLE 96 HEAD - SLAUGHTER COWS 1 00-4 00 HIGHER.

SLAUGHTER COWS 87 HEAD CUTTER & BNG UT. 1-3 38 00-46 50 BRKG UT. & COMM 2-4 38 00-47 00 CANNER & LOW CUTTER 1-2 36 00-42 75

SLAUGHTER BULLS 9 HEAD; 1-2 900-1300 LBS 50.75-53.50 1-2 1300-1600 LBS 49.75-52.50 1-2 1600 LBS & OVER 53.50.

LAMBS 138 HEAD - SLAUGHTER LAMBS 3.40 LOWER. HIGH CHOICE AND PRIME 95-125 LBS SPRING 52.00 FEEDER LAMBS CHOICE AND FANCY 70-85 LBS 54.00 SLAUGHTER EWES ALL GRADES 13 75-21.50 SLAUGHTER RAMS ALL GRADES 18.50 7 HEAD GOATS 19.00-32.00 PER HEAD.

FEEDER CATTLE 142 HEAD - NO TRENDS REPORTED. STEERS; MEDIUM 1 LARGE 1 SMALL 1 MED.&LARGE 2 300-400 --- --- --- 74.00-75.00 400-500 70.00-73.00 73.00-75.00 70.50 --- 500-600 65.00-69.00 --- --- 63.50 600-700 --- --- --- 65.00 700-800 63.00 --- --- --- HOLSTEIN STEERS; MED.&LARGE 1-2 200-300 LBS 73.00-77.00; 300-500 LBS 63.00-70.00 500-700 LBS 63.25; 700-900 LBS 49.00-52.00.

HEIFERS; MEDIUM 1 MED.&LARGE 2 300-400 67.00-69.50 64.00 400-500 64.50-67.00 --- 500-600 63.00-67.00 60.00-61.00 600-700 60.25-66.00 59.00-61.50 700-800 58.00-59.50 --- FEEDER BULLS; MEDIUM 1 200-300 LBS 82.00-90.00 300-500 LBS 77.00 COWS WITH CALVES AT SIDE 9 PAIR; M&L-1, 5-9 YR OLD 800-1175 LBS WITH CALVES 90-250 LBS 615.00-635.00; M&L-2, 6-9 YR OLD 800-950 LBS WITH CALVES 90-200 LBS 475.00-550.00 PER PAIR. BABY CALVES RETURNED TO FARMS 28 HEAD NEWBORN TO 4 WK OLD 50 00-120 00 PER HEAD.

Westminster Livestock Auction

Hagerstown, Md.

Tuesday, June 28, 1988

Report supplied by auction

SLAUGHTER COWS: MOSTLY STEADY PRICES. HIGH YIELD 46.75-48 25; UTILITY 43 00-46.50, CANNERS 40 00-44.00; SHELLY 40.00-DOWN. BULLS- GOOD 53.50-55.75, FED STEERS- NO CH OFFERED. SELECT HOLSTEINS 54-55.00; STAND. 49-54.00. FED HEIFERS- SELECT 800-1000 LBS. 57-59.00, STAND. 50-53 50. VEAL CALVES- GD. SELECTION. GOOD & LO CHOICE 200-300 LBS 93-100.00, STANDARD/GOOD 140-280 LBS 75-90.00, STOCKY 54-70.00, KILLERS $5 LOWER 80-100 LBS 86.00-93.00; ROUGH 50-80 LBS. 79.00-85.00. FARM CALVES- HOLSTEIN BULLS 100-135 LBS 105.00-122.00; 90-95 LBS. 100 00-115 00. HOLSTEIN HEIFERS- 90.00-94.00; BEEF CROSS 92-122 LB. BUTCHER HOGS- $2 LOWER; 48 HD. US #1&2'S 1 LOT 249 LBS. AT 46.00; 215-245 LBS. #1&3 44.50-45.75; 270-300 LBS. 32.00-42.00; 270-300 LBS. 32.00-42.00; SOWS- 25 HD. $3-$5 LOWER. 300-500 LBS. 28.00-29.50; 500-700 LBS. 27-28.25; THIN 23-24.00. BOARS- 9 HD. 300-650 LBS. 23.00-23.75.

STOCK CATTLE: STEERS- 95 HD. DEMAND WEAKER, PRICES LOWER. STEERS 200-300 LBS. 75.00-82.00; 400-600 LBS. 60.00-70.00; 600-800 LBS. 55-65.00. HEIFERS- 300-500 LBS. 57.00-63.00; 500-700 LBS. 52-60.00; 700-900 LBS. 50-58.00. BULLS- 300-500 LBS. 62.00-67.50; 500-700 LBS. 59-60.00. LAMBS- 60 HD. $5-$8 LOWER. 40-70 LBS. CH. 56.00-62.00; GD. 50.00-55.00; 75-110 LBS. CH. 54.00-58.00; GOOD 48.00-53.00; 120-140 LBS. 40.00-42.00. SHEEP- 15 HD. 100-210 LBS. 19 00-28.00. GOATS- 53 HD. MEDIUM 30.00-46.00; SMALL OR THIN 22.00-30.00. PIGS AND SHOATS- 50 HD. SMALL RUN. BY THE HEAD: 2 LOTS AT 19 & 24 LBS. 23.00-25.00; 30-40 LBS. 17.00-32.00; 1 LOT 53 LBS. 32.50. BY THE LB: 1 LOT 175 LBS. 40.00. STOCK BOARS- 200-250 LBS. 25.00-39.00; 1 BRED SOW 355 LBS. AT 42.00.

NOTE: PRICES WERE LOWER THIS WEEK IN ALL CLASSES PARTLY DUE TO THE UPCOMING HOLIDAY BUT MORE SO BECAUSE OF LARGE NUMBERS OF LIVESTOCK BEING SOLD IN THE DROUGHT-STRICKEN MIDWEST. EASTERN PACKERS ARE GETTING A PORTION OF THAT LIVESTOCK CHEAPER THAN THEY CAN BUY IT LOCALLY.

Belknap Livestock Auction

Dayton, Pa.

Wednesday, June 29, 1988

Report Supplied by PDA

CATTLE 60...PDA...Choice slaughter steer, individual 66.50, one Select 62.50. Few Choice sl. heifers 60.75-65.75, one Select 58.50, few Standard 47.50-50.75. Breaking Utility and Commercial sl. cows 46.00-48.75, Cutter and Boning Utility 43.50-47.50, few Canner and Low Cutter 40.00-43.25. One Utility sl. bullock 44.00. Few Yield Grade No. 1, 1330/1835 lbs. sl. bulls 51.00-55.00, No. 2, 1080 lbs. 50.00. Feeder Cattle: few Medium Frame No. 1-2, 330/870 lbs. heifers 48.00-55.00, few Large #2, 395/590 lbs. holsteins 49.00-56.00. Few Medium Frame #1-2, 560/665 lbs. bulls 55.50-58.00.

CALVES 89...One Choice vealer 100.00, one Good 90.00, Standard and Good 90/125 lbs. 80.00-97.00, 60/85 lbs. 74.00-91.00. Farm Calves: Holstein Bulls 90/130 lbs. 100.00-142, few 135/140 lbs. 87.00-97.00. Beef cross bulls & heifers 70/95 lbs. 79.00-94.00.

HOGS 245...Barrows and gilts $3 to $3.50 lower. US No. 1-2 225/250 lbs 45.00-45.25, 1-3 205/255 lbs. 43.50-45, 2-3 215/270 lbs. 41.25-43.50, 1-3 170/200 lbs. 35.00-41.25. Sows $3 to $4 lower. US No. 1-3 290/545 lbs. sows 27.00-29.50, few 2-3 360/610 lbs. 25.00-26.50. Couple Boars 23.25&25.00.

FEEDER PIGS 79...US No. 1-3 10/25 lbs. feeder pigs 5.00-18.00, 30/40 lbs. 20.00-31.00, one lot 70 lbs. 31.00 --- all per head.

SHEEP 24 ..Choice & Prime 65/85 lbs. spring slaughter lambs 51.00-56.00. Slaughter ewes 12.50-25.00.

GOATS 11...Medium 28.00-37.00, few Kids 11.00-19.00 --- all per head.

Belleville Livestock Auction

Belleville, Pa.

Wednesday, June 29, 1988

Report Supplied by PDA

CATTLE 126...PDA...Couple Select slaughter steers 58.10&62.25, Standard & Select holsteins 53.25-56.60. Breaking Utility and Commercial slaughter cows 45.00-49.60, Cutter and Boning Utility 43.50-48, Canner and Low Cutter 38.50-43, Shells down to 36.50. Few Yield Grade No. 1, 1060/1790 lbs. sl. bulls 53.75-56.25. Feeder Cattle: Few Medium Frame No. 1, 330/630 lbs. heifers 67.00-73.00.

CALVES 120...Standard and Good 70/100 lbs. vealers 87.00-95.00, few Utility 60/90 lbs. 70.00-85.00. Farm Calves: Holstein Bulls 90/130 lbs. 94.00-146.00.

HOGS 144...One Lot US No.1-2 225 lbs. barrows and gilts 48.35, No. 1-3 215/240 lbs. 47.50-48, few lots 2-3 260/270 lbs. 44.50-46.75, one lot 1-3 196 lbs. 43.50. US No. 2-3 295/695 lbs. sows 24.00-31.50. Few Boars 20.00-21.00.

FEEDER PIGS 270...US No. 1-3 35/50 lbs. feeder pigs 17.50-24.50, 50/70 lbs. 24.00-30.50 --- all per head.

SHEEP 37,..Good and Choice 65/90 lbs. spring slaughter lambs 49.00-55.00. Slaughter ewes 12.00-34.00

GOATS 17...Few Large 37.00-56.00, few Medium 20.00-40.00 -- all per head.

HOLSTEIN DAIRY COWS $510.00-$1110.00 --- PER HEAD.

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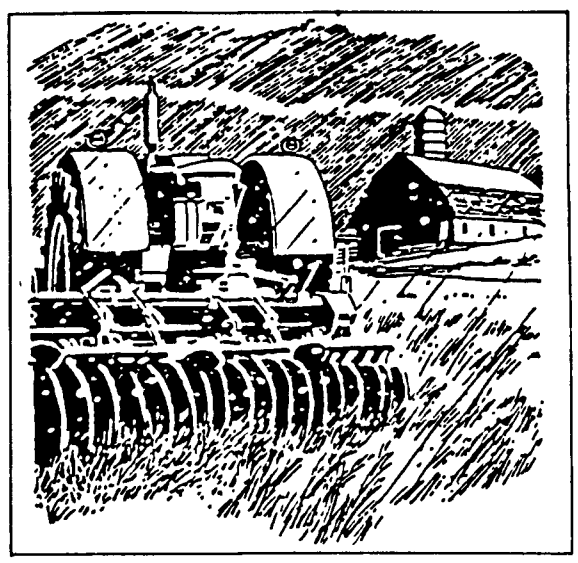

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New Wilmington Livestock Auction

N. Wilmington, PA

Monday, June 27, 1988

CATTLE 228..PDA...Compared with last Monday's market: Slaughter cows $5 to $6 higher Few Choice sl steers 64.50-67.00, Select 59.25-62, few Standard 50 00-57.50. Choice sl. heifer, one 62.00, one low yielding 58 00, couple Select 54 50, Standard 46.50-52.00. Breaking Utility & Commercial sl. cows 46.00-49, one 51.25, low yielding down to 43.50, Cutter & Boning Utility 43.50-48, Canner & Low Cutter 37.00-44, Shells down to 27.00. Standard sl. bullock, one 52.75. Yield Grade No. 1, 1290/1960 lbs. sl. bulls 51.50-54, few No. 2 1160/1475 lbs. 47.75-51.25. Feeder Cattle: Medium & Large Frame No. 1, 500/795 lbs. heifers 44.00-57.00. Med. & Large Frame No. 1, 465/750 lbs. bulls 58.50-69.00.

CALVES 360...Few Choice vealers 92.50-105, one Prime 114.00, few Good 90.00-95, Standard & Good 90/120 lbs. 85.00-97.50, 65/85 lbs. 73.00-90, Utility 45/60 lbs. 48.00-60.00. Farm Calves: Holstein Bulls 90/135 lbs. 100.00-135.00; Hol. Heifers 80/120 lbs. 87.00-123.00. Beef cross bulls & heifers 80/120 lbs. 87.00-123.00.

HOGS 401...Barrows and gilts $2.50 to $3 lower. US No. 1-2 220/250 lbs. 46.00-46.35, (one small lot 46.50), 1-3 215/255 lbs. 45.00-46, 2-3 220/265 lbs. 44.50-45.25, 270/295 lbs. 39-43.10, 1-3 200/210 lbs. 35.00-43.00. US No. 1-3 290/465 lbs. sows 27.25-32.50, few 2-3 440/605 lbs. 25.75-27.00. Boars 24.00-27.50, one 34.00

FEEDER PIGS 55 ..US No. 1-3 15/25 lbs feeder pigs 10.00-22 00, 35/50 lbs 28.00-50 00 --- per head

SHEEP 252...High Choice & Prime 55/85 lbs. spring slaughter lambs 70.00-81, Choice 90/120 lbs. 55.00-63, few 69 00, 85/110 lbs. 45 00-58.00; Good & Choice 50/85 lbs feeder lambs 55 00-67 00 Slaughter ewes 7 00-21 00

GOATS 18 Few Large 35 00-57.00, few Medium 20.00-31.00, Kids 14 00-23 00 --- all per head

Morrison Cove Livestock

Martinsburg, Pa.

Monday, June 27, 1988

Report supplied by auction

CATTLE: 158.

STEERS: HIGH CHOICE & PRIME 64.25-68.00; CHOICE 61.00-63.75; GOOD 56.00-60.25; STANDARD 52.00-55.75. HEIFERS- CHOICE 60.00-62.75; GOOD- 53.00-58.75. COWS- UTILITY & COMMERCIAL- 44.75-47.75; CUTTERS 42.00-45.75; CANNER & LOW CUTTER- 35.00-41.75. BULLOCKS- GOOD & CHOICE 57.00-63.25; BULLS- YIELD GRADE #1 51.00-59.00; FEEDER CATTLE- STEERS, GOOD 61.00-68.75, STANDARD 51.00-58.50; BULLS, GOOD 55.00-61.50; STANDARD 47.00-54.00; HEIFERS, GOOD 52.00-61.00, STANDARD 44.00-56.00.

CALVES: 322. PRIME 1.02-1.12; CHOICE .98-1.04; GOOD .81-.94; STANDARD & GOOD .76-.84½ ; 90-110 LBS. .95-1.02; 65-90 LBS. .81-.96½ ; HOLST. BULL CALVES, 90-130 LBS 1.15-1.32; HOLST. HEIFER CALVES, 90-130 LBS. .98-1.15.

HOGS: 124. US#1,2 47.25-48.00; US#1-3 45.00-46.75; SOWS 1-3 29.00-36.00; BOARS 26.50-32.00.

FEEDER PIGS: 151. 20-35 LBS. PER HD. 24.00-30.50; 35-50 LBS. PER HD. 32.00-41.00.

SHEEP: 25. CHOICE LAMBS 58.00-60.25; GOOD 51.00-55.75; SLAUGHTER EWES 15.00-40.50.

GOATS: PER HD. 24.00-58.00.

STRAW: PER TON 1 AT 75.00.

Eighty-Four Livestock Auction

Eighty-Four, PA

Monday, June 27, 1988

CATTLE 198 . PDA ...Compared with last Monday's market Slaughter cows $4 to $5 higher. Few Choice sl. steers 65 00-66, few Select 62.00-64, Standard 55 00-59, Utility 49.00-52 00 Few Select sl heifers 60-62.50, Standard 53.00-57, Utility 48-52.00 Breaking Utility & Commercial sl. cows 46.50-51.50, Cutter & Bon Utility 44.00-47, Canner & Low Cutter 34.00-42, Shells down to 27.00. Choice sl. bullock, one 57.00. Yield Grade No 1, 1100/1700 lbs. sl. bulls 52.00-59.50, few No 2, 900/1400 lbs. 49 50-51.00. Feeder Cattle: Medium & Large Frame No. 1, 325/625 lbs. steers 60 00-73 00. Medium Frame No 1, 400/600 lbs. heifers 55 00-64 00. Medium Frame No. 1, 350/550 lbs. bulls 60.00-67.00.

CALVES 248...Good vealers 67 50-86, Standard and Good 90/120 lbs 82 00-95, 60/85 lbs. 78.00-89, Utility 50/70 lbs 48.00-68.00. Farm Calves: Holstein bulls 90/120 lbs. 100.00-142.00; Hol. Heifers 85/115 lbs 98.00-150 00 Beef cross bulls & heifers 80/120 lbs. 98 00-130.00.

HOGS 163 .. Barrows and gilts $2 to $2.50 lower. US No 1-2 220/240 lbs 45.00-45.80, 1-3 212/260 lbs. 44.50-45, 2-3 218/270 lbs. 42.75-44, 1-3 170/190 lbs 42-43.50. Few US No. 1-3 300/600 lbs sows 28.00-31, 2-3 350/550 lbs 25.00-28.00. Boars 22.00-25.50.

FEEDER PIGS 5...No Market Test.

SHEEP 186...High Choice & High Choice 80/94 lbs. spring slaughter lambs 59.00-63.50, one small lot 47 lbs. 67 50, Choice 85/110 lbs. 49 50-53 00 Good & Choie 55/70 lbs. feeder lambs 53.00-60.50 Slaughter sheep 15.00-26 00

GOATS 24...Large 40 00-61.00, Medium 27.00-34 00 --- all per head.

Dewart Livestock

Dewart, PA

Monday, June 27, 1988

CATTLE 125...PDA...Compared with last Monday's market: Slaughter cows steady to $2 higher. Few Choice sl. steers 62.25-63.75, few Select 53.00-60.00; couple Select holsteins 55.00&57.25. Few Choice sl. heifers 60.00-64, few Select 58.25-60.00. Breaking Utility & Commercial sl. cows 42.00-46.50, couple 49.00, Cutter & Bon. Utility 43-47.25, Canner & Low Cutter 38.00-43.00, Shells down to 35.00. Few Yield Grade No. 1, 1270/1600 lbs. sl. bulls 55.75-59.00. Feeder Cattle: Few Medium Frame No. 1, 350/850 lbs. steers 58.00-64.00.

CALVES 218...Few Choice & Prime vealers 95.00-105, Standard and Good 70/100 lbs. 83 00-94, Utility 60/90 lbs. 75.00-84.00. Farm Calves: Holstein Bulls 85/130 lbs. 95.00-145.00; Hol. Heifers 95/125 lbs. 100.00-121.00.

HOGS 47...One Lot US No 1-3 225 lbs. barrows and gilts 47.40, 1-3 200/240 lbs. 46 50-46.80. Few US No. 1-3 350/650 lbs. sows 23.00-29.50. Few Boars 25.00-30.00.

FEEDER PIGS 92...US No. 1-3 25/45 lbs feeder pigs 24.00-37.00 --- all per head.

SHEEP 14...Few Choice 85/115 lbs. spring slaughter lambs 50.00-55.00.

GOATS 0...No Market Test.

Frederick Livestock Sales

Frederick, Md.

Monday, June 27, 1988

Report Supplied by Auction

BUTCHER COWS: GOOD RUN; STEADY TO 1.00 LOWER. GOOD 45.00-48.00; STANDARD & UTILITY 41.50-44.00; CANNERS 38.00-41.00; SHELLY 37.00 DOWN. BULLS: GOOD ONE AT 53.00.

BUTCHER HOGS: MOSTLY HVYWGHTS. OFFERED. 280-360 LBS. 34.00-39.25; 190-205 LBS. 40.00-42.50. SOWS: $3-$5 LOWER. 300-600 LBS. 25.75-29.75.

VEAL CALVES: GOOD RUN; LIGHT CALVES $5 LOWER. GOOD TO LO. CHOICE 105.00-113.00; STANDARD 95.00-104.00; STOCKY & THIN 85.00-94.00; LIGHT CALVES 80-100 LBS. 83.00-90.00; WEAK & ROUGH 60-80 LBS. 78.00-82.00.

CALVES RETURNING TO FARM: HOLSTEIN HEIFERS: LOWER 90-120 LBS. 90.00-96.00; HOLSTEIN BULLS: 8.00 HIGHER 100-115 LBS. 110.00-128.00.

LAMBS: GOOD AND CHOICE 50-59.00; FEEDERS 60-66.00.

STOCK CATTLE: LIGHT RUN. STEERS MED. TO GOOD 500-700 LBS. 57.00-62.50; HEIFERS GOOD DAIRY TYPE 300-500 LBS. 60.00-63.00; BULLS MD. TO GOOD 500-700 LBS. 54.00-60.00; SPRINGING HEIFERS TO 500.00.

PIGS & SHOATS: GD. RUN; STEADY PRICES. 20-30 LBS. 14.00-21.00 HD.; 40-50 LBS. 24.00-37.00 HD.; 100-150 LBS. 36.00-41.00 HD.

Peoria Sheep

Peoria, Ill.

Tues., June 28, 1988

SHEEP: 200 TRADING MODERATE. SPRING SLAUGHTER LAMBS STEADY TO 1.00 LOWER THAN LAST TUESDAY. SLAUGHTER EWES STEADY TO WEAK.

SPRING SLAUGHTER LAMBS: CHOICE AND PRIME 100-120 LBS. 53.00-56.00. CHOICE 80-100 LBS. 51.00-55.

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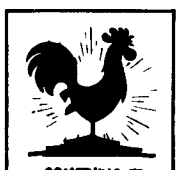

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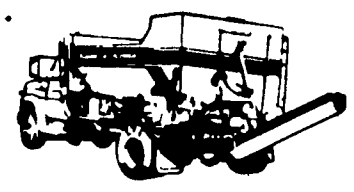

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VALLEY PROTEINS, INC.
Wide Hollow Rd. (Off 897)
Terre Hill, Pa.

Estimated Daily Livestock Slaughter

Under Federal Inspection
Wed., June 29, 1988

	CATTLE	CALVES	HOGS	SHEEP
WED., 6/29/88 (EST)	123,000	9,000	304,000	20,000
WEEK AGO (EST)	123,000	9,000	296,000	17,000
YEAR AGO (ACT)	132,000	9,000	246,000	19,000
WEEK TO DATE (EST)	370,000	27,000	841,000	53,000
SAME PD LT WK (EST)	381,000	26,000	845,000	52,000
SAME PD LT YR (ACT)	389,000	29,000	771,000	57,000

Four States Livestock

Hagerstown, Md.
Wed., June 29, 1988
Report supplied by Auction

SLAUGHTER: FED STEERS- LIGHT RUN SELECT 61.00-64.75; HOLSTEINS 53.00-54.00. FED HEIFERS- CHOICE #4 56 25; SELECT 54.00-58 50. COWS- STEADY TO 50 HIGHER; HIGH YIELD 46.00-48.50; UTILITY 43.00-46.00, CANNER-CUTTER 40 00-43.00; SHELLY 40.00-DOWN. BULLS- GD 52.00-58 00. VEAL CALVES- GOOD 80.00-93 00; STANDARD 70 00-79 00, CULLS 10.00 LOWER 80-100 LBS 80.00-91.00; 60-80 LBS. 70.00-85 00 HOLSTEIN BULLS- 100-120 LBS 120 00-141.00; 85-95 LBS. 85 00-100.00 BEEF X- 90.00-102.00. LAMBS- CHOICE 50.00-53.00; GOOD 45.00-50 00; SHEEP- 15.00-24.50, GOATS- THIN 17.00-22.00.

STOCKER- STEERS- MEDIUM & LARGE FRAME- 400-600 LB 65 00-71.00; 600-800 LB. 60.00-73.00, 800-1000 LB 55.00-66 00 HEIFERS- 300-400 LBS 60 00-66.00, 400-600 LB 55 00-60.00; 600-800 LB 51 00-56 50 BULLS- 300-400 LB. TO FEW 79 00-85 00, 400-600 LBS. 55 00-66 00 DAIRY REPLACEMENTS GD RUN SPRINGING HEIFERS- 500 00-825 00, FRESH COWS 700.00-875 00, OPEN HEIFERS 54.00-67 00 LB; SERVICE BULLS- BEEF TYPE 1000-1270 LBS 58 00-59 00. PIGS & SHOATS- SMALLER RUN. BY THE HD 20-30 LB 10 00-20 00; 30-50 LB 20 00-35 00 BY THE LB.- 150-180 LB. 38 00 40 00 STOCK BOARS 200-300 LBS 23 00-28.75. SLAUGHTER HOGS- NO GD. HOGS OFFERED 215-245 LBS. #3's 41.25-42.85; 270-300 LBS. 30 00-35.00 SOWS- 2.00-3.00 LOWER FEW 300-425 LB 29 00-32 00; BULK 450-750 LB.S 25 00-27 75. BOARS 23 75

Peoria Cattle

Peoria, Illinois
Thursday, June 30, 1988

WEEKLY CATTLE SUMMARY

TRADING MODERATE ON ALL SLAUGHTER CLASSES. COMPARED WITH LAST WEEK SLAUGHTER STEERS CLOSED 1.00 TO 3.50 LOWER, SLAUGHTER HEIFERS 1.00 TO 4.00 LOWER. SLAUGHTER COWS RANGED 1.00 TO 3.00 HIGHER. BULLS GENERALLY STEADY IN A LIGHT TEST. SUPPLY MAINLY SELECT TO AVERAGE CHOICE SLAUGHTER STEERS AND HEIFERS WITH ABOUT 5% COWS. ESTIMATED RECEIPTS THIS WEEK ABOUT 1100 AS COMPARED WITH ACTUAL RECEIPTS OF 1851 A WEEK AGO AND 1513 A YEAR AGO.

SLAUGHTER CLASSES: STEERS: CHOICE 2-4, MOSTLY 3 1100-1350 LBS. 63 50-65.50 950-1100 LBS 62 00-64.00 SELECT & CHOICE 2-3 1000-1200 LBS. 61.00-64.00 SELECT 2-3 900-1150 LBS. 58.00-62.00

HEIFERS: CHOICE 2-4, MOSTLY 3 1000-1200 LBS. 62.50-64.50 850-1000 LBS. 61.00-63.00 SELECT & CHOICE 2-3 900-1100 LBS. 60.00-63 00 SELECT 2-3 850-1000 LBS. 58 00-61.00.

COWS: BREAKING UTILITY AND COMMERCIAL 2-3 36.00-40.00 CUTTER AND BONING UTILITY 1-2 38.00-43.00 CANNER AND LOW CUTTER 1-2 32.00-36.00.

BULLS: YG 1-2 1500-1950 LBS. 45.00-55.00.

Lebanon Valley Livestock Auction

Fredericksburg, PA
Tuesday, June 28, 1988

CATTLE 209 . PDA. .Compared with last Tuesday's market: Slaughter cows steady to $2 higher. Few Choice 2-4 1140/1220 lbs sl. steers 66.75-67.75, two Select holsteins 56 25&58.75, one Standard 47.50. One Choice sl. heifer 65.75, few Select 57.25-59, few Standard 52.25-53.75. Breaking Utility & Commercial sl. cows 47.00-48.75, few 50.00, few low yielding 42.25-45.25, Cutter & Boning Utility 43.75-47.75, few 48.75, Canner & Low Cutter 38.50-43, Shells down to 25.50. Few Yield Grade No. 1, 1480/1960 lbs. sl. bulls 55.75-59.25.

CALVES 212...Vealers grading Standard and Good steady to $5 lower. One Choice 104.00, one 285 lbs. 74.00, two Good 90.00&100, Standard and Good 90/110 lbs. 85.00-93, 70/85 lbs. 74.00-87, few Utility 55/70 lbs. 60.00-78.00. Farm Calves: Hol. Bulls 90/130 lbs 95.00-129.00; few Hol heifers 100/105 lbs. 100.00-105.00. Few Beef cross bulls and heifers 70/95 lbs. 87.00-105.00.

HOGS 266...Barrows and gilts small supply weak to $4 lower. Bulk of supply sold for slaughter; supply included approximately 70 sows and 30 boars ...Lot US No. 1-2 205 lbs. 43.25, 1-3 215/240 lbs. 44.35-44.60, 2-3 215/245 lbs. 44.25-44.35, 2 lots 2-4 250/260 lbs. 43.50-44, 2 lots 3-4 230/235 lbs. 43.00, 1-2 145/200 lbs. 36.00-42.00. US No. 1-3 270/615 lbs. sows 28.00-31.50, few 34.50, few 2-3 325/540 lbs. 23.00-26, Medium 260/515 lbs 21.00-28 50. Boars 25.00-28.00

FEEDER PIGS 48. .Two Lots US No 1-3 25 lbs. feeder pigs 48.00-51 00, lot 50 lbs. 41.00, lot 76 lbs. 49.00, two lots 16/24 lbs. 29 00--all per hundredweight.

SHEEP 5...Two Choice 90/95 lbs. spring slaughter lambs 49.00-50 00. Few Slaughter sheep 5.00-13.00.

GOATS 2...Medium 30.00 - per head.

North Jersey Livestock

Hackettstown, NJ
Tues., June 28, 1988
Report supplied by auction

CALVES .32-1.48.
COWS .36¼ -52½ .
EASY COWS .15-.44.
HEIFERS .38-.60.
BULLS .41¼ -.63¾ .
STEERS .46¾ -.67.
HOGS .22-.55.
ROASTING PIGS, EACH 23.00-38.00.
BOARS: .20-.46.
SOWS: .26.
SHEEP .07-.68.
LAMBS, EACH 12.00-61.00.
LAMBS, PER LB. .49-1.06.
GOATS, EACH 17.00-82.00.
KIDS, EACH 6.00-46.00.
TOTAL 1,497.

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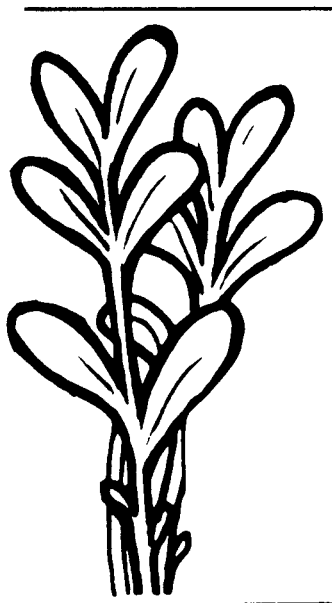

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2) Lebanon Dry Ammoniated-Extra 5-15-30
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- 2500 Plows
- F350 Hydraulic Reset Plows
- Cultivator Parts
- Grain Drills
- Trip Plows
- Disc Harrows
- Cultipackers and Roller Harrows (John Deere and Brillion)

This is a partial listing. Please call for availability even if your machine is not listed.

TRACTORS:
JD 4030 QR, SG, nice $16,500
JD 3020 Gas, Side Console $5,850
JD 575 Skid Steer Diesel, almost new
JD 4430, QR, Fender Tractor $12,300
JD 2640 Diesel $10,900
JD 3020 Dsl. Syncro, Wide Front, Dual Remote $8,950
JD 2640 w/146 Loader $12,800
JD 830, 3 Cylinder $6,850
JD 2040 Diesel $6,950
Farmall M $975
Oliver Super 55 ..... $2,650
Cab, Hiniker, model 1300 for 2630 Tractor, nice $975

COMBINES & PICKERS:
JD 454, 4 Row Bean and Sunflower Head $2,650
6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
6600 gear, rotary screen, diesel, monitor, heater & air, US feeder house, bin extension.
NI 324 2 Row Wide 12 Row 327 bed $3,950
NI 818 combine with 13' flex head. Sharp
#244 Corn Head
#244 Corn Head
13' Grain Table
(2) #444 Corn Heads
NI 2 row narrow w/sheller, A1 ..... $3,950
(2) 653 6 Row Bean and Sunflower Head
4400 Combine Chopper
6600 Combine Chopper
JD #243 2 Row 30" Snapper Head $2,350
JD 300 Husker, Choice of Heads
NI Picker, 2 Row Narrow 12 Roll Bed, Nice $5,800
JD 13' Grain Head w/floating bar
JD #343 3 Row 30" Corn Head
#454 Bean Head 4 Row Wide
NI 2 Row Wide 8 Roll Bed $2,750
MF 510 Diesel Combine w/4 row narrow and 13' grain
JD 300 Husker w/3 Row Head
JD 40 Combine w/2 Row and Grain Head
JD 6620 LL Hydro Combine, Nice
JD 4440 Rotary Screen Diesel Combine, Auto Header Height Control, Sharp
JD 443 Corn Head

PLANTERS & GRAIN DRILLS:
JD 8300, 21x7 DD w/Grass $4,450
IH 510, 18x7 Plain DD Drill, Sharp $3,150
JD 20x7 Model B Plain Drill, Double Disk $1,850
JD 1300 6 Row Planter Radar Monitor, Sharp $3,450
JD #1240 Plateless Planter $1,850
White 5400 6 Row Air Planter $2,350
JD FBB 18x7 Grain Drill w/Grass, Nice $1,850
JD 7000 6 Row No-Til Conservation Planter w/Auger Fill $6,500
JD 7000 6 Row No-Till Planter, Nice $5,850
JD 8350 18x7 Drill, Single Disc $2,350
JD B Drill, 13x7 w/grass, Single Disc $625

MISCELLANEOUS:
14.9x38 Direct Axle Dual Wheels
JD 28' Implement Trailer $1,875
Kelley Loader for JD Row Crop $1,650
JD 42 Front Blade 8' $350
Farmec SOLD vator $1,150
IH 155 Spreader, nice $1,450
JD 7205, SOLD ry Cutter, nice

Coming In...
JD #27 6 Row Stalk Shredder
JD 1240 Plate Planter
South Eastern 5 ton Utility Trailer w/brakes and ramp, like new
JD 6 Row RM Cultivator
JD 35 Harvester
JD 215 Flex Head
JD 4 Row Front Mount Cultivator for 3020

NEW JOHN DEERE EQUIPMENT AT GENERIC PRICES
2955 2 Wheel Drive Tractor $23,500
8' 9" Model 710 Mulch Tiller $5,650

HAY & FORAGE EQUIPMENT:
NH 272 Baler w/58 thrower, nice $3,850
Harvester Adapter Plate for #243 Corn Head. .. $300
Brady #144 4 Row Stalk Shredder $950
(1) (2) NH #469 Haybine
NH #282 Baler w/Thrower
JD 640 Rake
NI #402 Rake
NI #404 Wheel Rake $600

PLOWS-MOLDBOARD AND CHISEL:
JD 2600, 5B Plow $4,650
JD 7B 2500 Plow $3,950
JD F845 2 Bottom Roll Over Plow (New) $2,850
JD F350 5-16" Hyd. Reset Plow $2,350
JD Model 1610 14' Chisel Plow $2,650
IH 3B Fast Hitch Plow $350
JD #1450 5B 20" Plow $2,250
IH 530 5B Trip Plow $950
JD 1450 6-16" Semi-Mtd. Plow $2,250
JD 3200 5B Trailer Plow, Auto Reset $3,450
Oliver 565 5-16" Plow $1,250
JD #1600 12' Chisel w/Walking Tandems $2,450
JD 4-16 #1450 Semi-Mtd. Plow $2,450
JD F120 3-14 Plow $550
JD F125 3-16" Plow $650
IH 12' Vibra Shank $1,450

DISCS AND FIELD CULTIVATORS
JD AW 10' Disc $1,050
JD 18' BW Wing Fold Disc $2,250
Oliver #252 12' Disc $975
JD 220 Center Fold Disc, Nice $5,350
JD 12' TWA Plowing Disc $3,250
JD TW 12' Plowing Disc $2,750
JD Wing Fold 200 Series Cushion Gang, 20' Disc $6,500

ROLLER HARROWS AND CULTIMULCHERS
IH 315 12' Roller Harrow $3,450
JD 10' Cultimulcher, Sharp $3,450
Brillion 10' Cultimulcher In-Board Wheels $1,975

CULTIPACKERS
Brillion 14' Packer w/Transport $1,850
(1) (2) Brillion 25' Wing Fold Packer $4,500
JD 12' Cultipacker $1,050
Brillion 16' Packer w/Transport $1,950

ROW CROP CULTIVATORS & ROTARY HOES
JD 400 Rotary Hoe, almost new $1,850
(1) (2) JD RM 4 Row Cultivator $975
JD 6 Row 30" RM Cultivator $1,550
JD 400 Rotary Hoe $1,475

GRAIN DRYERS:
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MUST MOVE. CALL FOR PRICE....
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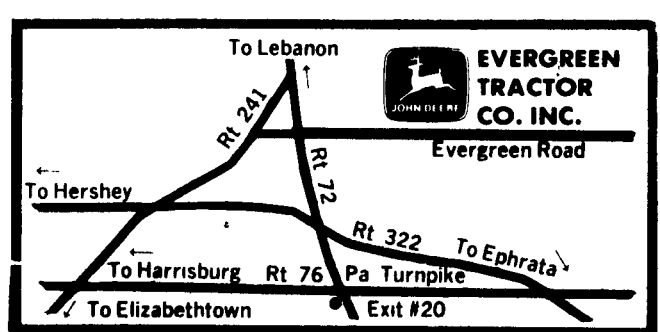


30 Evergreen Rd . Lebanon, PA . (717) 272-4641 or Toll Free 1-800-441-4450

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, June 28, 1988
Report Supplied by Auction

BEEF COWS: UTILITY AND COMMERCIAL 45.00-48.50; CUTTERS 41.00-44.75; CANNERS 36.00-40.00; SHELLS 30.00.

HEIFERS: STANDARD 50.00-53.50; COMMERCIAL 42.00-47.00.

STEERS: GOOD 57.00-60.50.

BULLS: NOT ENOUGH TO TEST.

FEEDER CATTLE: 300-500 LBS. LARGE FRAME 63.00-74.00; 300-500 LBS. SMALL FRAME 56.00-63.00; 500-700 LBS. LARGE FRAME 60.00-66.00.

VEAL CALVES: GOOD 95.00-103.00; STANDARD 89.00-94.00; UTILITY 79.00-88.00.

FARM CALVES: BULLS 110.00-145.00; HEIFERS 105.00-115.00.

HOGS: 45.00-47.50.

SOWS: 26.50-30.00.

SHOATS: 25-30 LBS. PER HEAD 16.00-21.00; 30-35 LBS. PER HEAD 20.00-27.00.

LAMBS: 60.00-62.00.

GOATS PER HEAD: 28.00-49.00.

Grantsville Livestock

Grantsville, Maryland
Saturday, June 25, 1988

HOGS: TOP BARROWS & GILTS 43.50-46.70; HEAVY BUTCHER 38.00-45.00; LIGHT BUTCHER 32.00-42.00; BUTCHER SOWS 28.00-32.00; FEEDER SHOATS 8.50-45.00.

VEAL: GOOD 85.00-98.00; STANDARD 72.00-80.00; UTILITY 60.00-68.00; BULL CALVES 1.05-1.38.

SHEEP & LAMBS: GOOD 52.00-55.00; UTILITY 48.00-50.00.

SLAUGHTER CATTLE: STEERS: GOOD 63.50-65.25; STANDARD 60.00-62.00; UTILITY 54.00-58.00.

HEIFERS: GOOD 62.00-64.00; STANDARD 58.00-60.00; UTILITY 48.00-52.00.

COWS: COMMERCIAL 42.00-46.25, UTILITY 40.00-41.00; CANNER & CUTTER 30.50-38.00.

BULLS: COMMERCIAL & GOOD 50.00-55.00; CUTTER & UTILITY 45.00-48.00.

STOCK-FEEDER CATTLE: GOOD 60.00-68.00; MEDIUM 52.00-58.00.

STEER CALVES: GOOD 65.00-70.00; MEDIUM 55.00-60.00.

HEIFER CALVES: GOOD 60.00-69.00; MEDIUM 50.00-55.00.

New Holland Dairy

New Holland Sales Stables
Wednesday, June 29, 1988
Report supplied by auction

REPORTED RECEIPTS OF 31 COWS, 33 HEIFERS, AND 2 BULLS MARKET STRONGER.

LOAD OF PERRY FRESH COWS, 900.00-1300.00.

LOAD OF WISC. FRESH COWS 1210.00-1275.00.

LOAD OF PA FRESH COWS 810.00-1070.00.

LOAD OF PA FRESH COWS 1110.00-1200.00.

LOCALLY CONSIGNED COWS 570.00-1070.00.

SPRINGING HEIFERS 600.00-950.00.

BULLS 520.00-880.00.

Central U.S. Carlot

Pork Report
Wed., June 29, 1988
Report supplied by USDA

CENTRAL U.S. CARLOT PORK REPORT FOB OMAHA BASIS INCLUDES MAJOR PRODUCTION AREAS IN MIDWEST AS OF 3:00 P.M. COMPARED TUESDAY'S 3:00PM CLOSE: FRESH PORK LOINS 14-18# GENERALLY STEADY; PICNICS 3.00 LOWER; BUTTS STEADY TO FIRM; SKD HAMS 2.00-4.00 LOWER; SDLS BELLIES 2.00-4.50 LOWER.

TRADE SLOW TO MODERATE FOR LIGHT TO MODERATE DEMAND AND OFFERINGS. LIGHTEST DEMAND FOR PRE-HOLIDAY WEEKEND DEL. NOTE! 2 LOADS LOINS 14-18# QUICK SHIP CLEAN-UP 97.50-98.

US #2 175 LB. HOG CARCASS DECLINED (.98) TO $61.22 P/CWT

LOADS PORK CUTS 37.00.

LOADS TRIM/PROCESS PORK 13 00.

PORK CUTS
OMAHA BASIS
LOINS, REGULAR
FRESH

14-18 LBS. 3 LDS. 104.00-107.00.
18-22 LBS. 103.00-104.00 A.
22/UP LBS. 79.00 A.

BNLS. CENTER
CUT LOIN

238.00-243.50 A.

TENDERLOINS

2/BAG 314.00 C.

PICNICS

4-8 LBS. .5 LD. 40.00.
8/UP LBS. .5 LD. 40.00.

BOSTON BUTTS

4-8 LBS. .5 LD. 90.00.

SPARERIBS
FRESH

1.5-3.5 LBS. .5 LD. 140.00.
3.5-5.5 LBS. .5 LD. 113.00.

SPARERIBS
FROZEN

1.5-3.5 LBS. 129.00 A.
3.5-5.5 LBS. .5 LD. 106.00.

LOIN BACKRIBS

1.5/DN. LBS. 195.00 D.
1.75/DN LBS. 190 00 D.
1.75-2.25 185.00 D.

HAMS, SKINNED,
FRESH

14-17 LBS. 65.50 A.
17-20 LBS. 6.5 LDS. 62.50-64.00.
20-26 LBS. 7.5 LDS. 64.00-66.00.
26-32 LBS. 62.00 D.
32/UP LBS. 2 LDS. 48.00-48 50.

BELLIES, SDLS.
SKIN ON, FRESH

10-12 LBS. 1 LD. 33.00.
12-14 LBS. 3 LDS. 32 00-34 00.
14-16 LBS. 4 LDS. 32 00-34.00.
16-18 LBS. 4 LDS. 31.00-33 00
18-20 LBS. 1 LD. 28 00
20-25 LBS. 2 LDS. 21.00

PORK TRIMMINGS/
BONELESS PROCESSING
PORK
(CHEMICAL LEAN)

COMBO 42% FRESH 4 LDS. 24.25-25.00.
COMBO 72% FRESH 6 LDS. 53.50-55.50.
BOXED FROZEN 65.25 B

BONELESS PICNIC
MEAT

COMBO 72% FRESH 3 LDS. 55.00-56.00.
BOXED 72% FROZEN 65 50 B

SKINNED JOWLS

COMBO FRESH 22.00 B.

CURED & PROCESSED MEATS
HAMS, SMOKED,
SKINNED, WATER ADDED

16-19 LBS. 73.00-91.00.
19-23 LBS. 67.00-90.00.

PICNICS, SMOKED,
WATER ADDED

4-7 LBS. 52 00-65.00.

BACON, SLICED,
VAC. PACK

1# PKG. 89 00-153 00.

ABCDE AFTER QUOTES REPRESENT DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.

East Coast Carlot

Wed., June 29, 1988
Report supplied by USDA

EAST COAST CARLOT MEAT TRADE DELIVERED PRICES (CAF) BOSTON TO WASHINGTON AREA INCLUSIVE.

COMPARED TO TUESDAY'S CLOSE: PRE-HOLIDAY DEMAND LIGHT FOR VEAL AND LAMB; SUPPLIES MODERATE TO HEAVY. CHOICE AND PRIME SPECIAL FED VEAL SLOW, NO SALES REPORTED. GOOD AND CHOICE BONING VEAL STEADY; INSHIPPED UNTESTED. CHOICE AND PRIME LAMB NOT ESTABLISHED, UNDERTONE FIRM.

VEAL CARCASS
HIDE ON
CHOICE & PRIME
(SPECIAL FED)

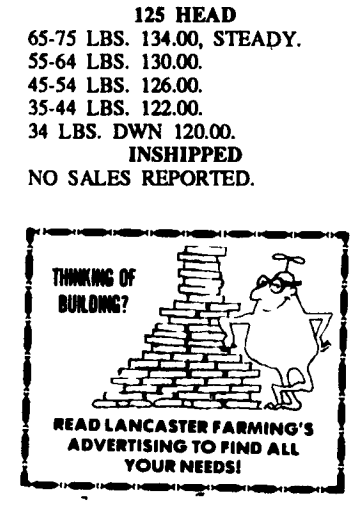
220-280 LBS. NO SALES REPORTED.

GOOD & CHOICE
BONING TYPE
NORTHEASTERN SUPPLIERS
125 HEAD

65-75 LBS. 134.00, STEADY.
55-64 LBS. 130.00.
45-54 LBS. 126.00.
35-44 LBS. 122.00.
34 LBS. DWN 120.00.

INSHIPPED

NO SALES REPORTED.



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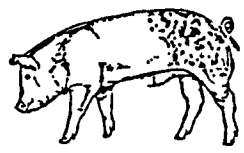

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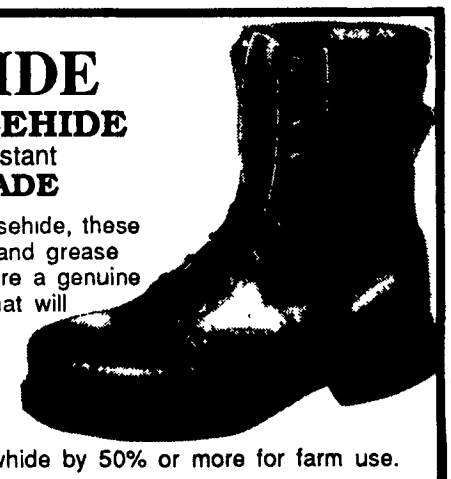

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8 inch	D, EE, EEE	$49.95		
8" Steel Toe	EE Only	$54.95		

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Pennsylvania All-American Show Celebrates

HARRISBURG (Dauphin) — Ideal Hyrondella, Squires Gretel, Spar Hill Baguette, Vermount Ragapple Charity, Jester Sleeping Belmont Violet, and Guckian's Venus Molly.

Their names may fail to ring a bell with today's readers, but in September 1964 each made news as the grand-champion cow in the six dairy breed shows at the first Pennsylvania All-American Dairy Show at the Farm Show Complex in Harrisburg.

Adhering to its annual schedule, the All-American will return to the Farm Show for its 25th anniversary show Sept. 26-30. Exhibitors and sponsors -- including some who have participated in each of the 24 preceding expositions -- are completing plans for the special celebration.

Committee members for this year's All-American were appointed by Obie Snider of Imler, president of the Pennsylvania Dairy and Allied Industries Association, one of the show's sponsors.

Snider told the committee at the outset, "While the show long has been recognized for the high quality dairy animals shown here and has been the scene of many National Breed Shows year after year, we want to make the 1988 show stand out as the best ever."

In recent years the All-American has attracted exhibitors from as many as 30 states and Canadian provinces, Snider said. Fourteen states and provinces were represented at the 1964 show.

The 1988 exposition has been fine-tuned for public appeal, an innovation in itself since the previous shows focused internally on the dairy industry.

Recognizing the event's educational and entertainment potential, the committee has added new attractions and revamped some of the standing ones to attract group tours.

Adult groups and school children, farm and city residents will find many interesting activities, Snider said. Admission to the show and its events is free.

In addition to the outstanding dairy cattle on exhibit and the judging throughout the week, the 1988 All-American will feature the following:

— The Pennsylvania Junior Dairy Show, spotlighting over 800 dairy animals that serve as projects for the state's young people.

— The All-American Invitational Youth Dairy Cattle Judging Contest, in which Future Farmers of America, 4-H and college teams from 20 states rate animals that will compete in the open shows later in the week.

— A Country Craft Show and other craft demonstrations and activities to be held during the week on the Large Arena's lower concourse.

— More than 50 dairy-related commercial exhibits.

— A cow-calf petting area for children.

— A mechanical cow depicting the "feed-to-milk process," an entertaining, educational attraction.

— The "Home Built and Handy Contest," a new event.

Among other attractions will be the 25th PAADS Recognition Banquet and Dairy Shrine Awards Banquet on Sept. 28, which is expected to draw 450 people, according to Snider.

Information on tours and the show itself can be obtained by contacting the Pennsylvania All-American Dairy Show, c/o Charles Itle, Shows Manager, Farm Show Complex, 2301 N. Cameron St., Harrisburg, PA 17110-9408, or by calling (717) 787-2905.

Central U.S. Carlot

Beef Report
Wed., June 29, 1988
Report supplied by USDA

CENTRAL U.S. CARLOT BEEF REPORT (INCLUDES THE MAJOR PRODUCTION AREAS IN THE MIDWEST, TEXAS AND OKLAHOMA) AS OF 3:00 P.M.

COMPARED TO TUESDAY'S 3:00 P.M. REPORT, CHOICE 3 STEER CARCASSES $2.00 LOWER THAN LAST TEST, HEIFER STEADY TO WEAK; CHOICE 4 STEADY; SELECT $1.00 TO $2.00 HIGHER. DEMAND LIGHT TO MODERATE, MOVEMENT MODERATE ON MODERATE SUPPLIES AND OFFERINGS.

16 LOADS OF STEER CARCASSES AND 21 LOADS OF HEIFER CARCASSES TRADED TO PACKER-PROCESSORS.

SALES REPORTED ON 64 LOADS OF STEER AND HEIFER CARCASSES.

STEER CARCASSES:
(22 LOADS REPORTED)
FOB OMAHA BASIS
CHOICE 3

600-900# 2 LOADS RANGE 99.00, LATEST ESTB. MKT. 99.00.

CHOICE 4

600-900# 5 LOADS RANGE 88.00, LATEST ESTB. MKT. 88.00.

SELECT 1-3

600-900# 15 LOADS RANGE 88.00-89.00, LATEST ESTB. MKT. 89.00.

HOLSTEIN-TYPE
CHOICE 1-3

600-900# LATEST ESTB. MKT. 88.50 D.

SELECT 1-3

600-900# LATEST ESTB. MKT. 83.50 D.

HEIFER CARCASSES
(42 LOADS REPORTED)
FOB OMAHA BASIS
CHOICE 3

550-800# 7 LOADS RANGE 97.00-98.00, LATEST ESTB. MKT. 98.00.

500-550# 2 LOADS RANGE 94.00-95.00, LATEST ESTB. MKT. 94.00-95.00.

400-500# 1 LOAD RANGE 93.00-94.00, LATEST ESTB. MKT. 93.00-94.00.

CHOICE 4

500-800# 5 LOAD RANGE 88.00, LATEST ESTB. MKT 88 00

SELECT 1-3

550-800# 27 LDS. RANGE 87.00-88.00, LATEST ESTB MKT 88 00

400-550# LATEST ESTB MKT. 80 00 A.

STEER CARCASSES
FOB AMARILLO BASIS
(0 LOADS REPORTED)
CHOICE 4

600-900# LATEST ESTB. MKT. 88.00 D.

HEIFER CARCASSES
FOB AMARILLO BASIS
(0 LOADS REPORTED)
CHOICE 4

500-800# LATEST ESTB. MKT 88.00 D.

STEER AND HEIFER
PRIMAL CUTS
(0 LOADS REPORTED)
CHOICE 3
FOB OMAHA BASIS
HEIFER HINDS

120-165# LATEST ESTB. MKT. 113.00 D.

FRONT QUARTERS

135-210# LATEST ESTB. MKT. 84.00 D.

COW AND BULL CARCASSES
(10 LOADS REPORTED)

THIN TEST 2.00-4.00 HIGHER, DEMAND MODERATE WITH SELLERS VERY BULLISH ON LIMITED OFFERINGS.

FOB OMAHA
UT, BRK. 2-4

450 & UP 3 LDS. FOB OMAHA 73 00-75 00

UT, BNG 1-3

400 & UP 2 LDS FOB OMAHA 77 00, FOB E.TX & OK 3 LDS. 78 00-79 00.

500 & UP UNQ., UNQ.

CUTTER 1-2

350 & UP 2 LDS. FOB OMAHA 84.00, UNQ.

400 & UP FOB OMAHA UNQ, UNQ.

BULL 1-2

600 & UP FOB OMAHA UNQ.

BONELESS PROCESSING BEEF/ BEEF TRIMMINGS
(207 LOADS REPORTED)
FOB OMAHA BASIS

90% FRESH 29 LDS. 111.00-115.00, M 114, 19 LDS. 114.00-115 00, M 115.

90% FROZEN 4 LDS. 114 00-115 00, 3 LDS 115 50-116 00

85% FRESH 7 LDS 103 00-105 00, 2 LDS. 105 00-106.00

85% FROZEN UNQ

75% FRESH 5 LDS 85.00-85.50, UNQ

65% FRESH 5 LDS 64 00-65 00.

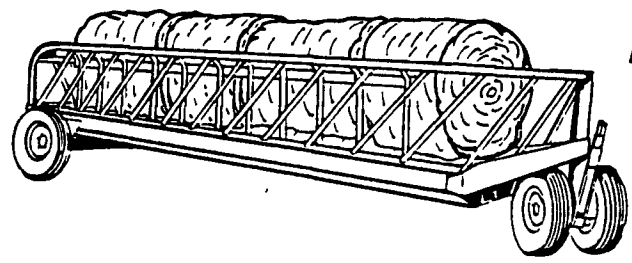
50% FRESH 84 LDS 38.00-41 00.

50% FROZEN 49 LDS 44.00-44 50.

50% BOX UNQ.

**ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS **

ARROW FRONT FEEDER WAGON



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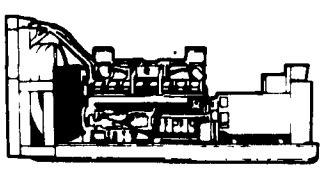
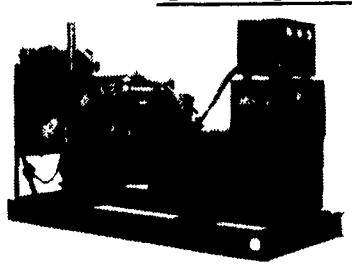


SPECIAL SALE



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Phila. Fruit Market

Wed., June 29, 1988

CLOUDY 71-87.

GRAPEFRUIT FL 4/5 bushel carton Indian River Red 23-27s 11.00 32-36s 10.00-11.00 40-56s 11.00 CA carton Red 23s 11.50 27s 13.00 32s 13.50 36s 13 00 40s 12.50 48s 10.50.

LEMONS CA carton 95s 28.50 115s 28 00-29.00 140s 22.00-25.00 165s 22.00 Choice 95s 22.50 115s 21.50 140-165s 17 00-18.50 SPAIN crate 120s 18.00.

LIMES STEADY FL 10-lb carton Persian Seedless 48s 275-300 mostly 300 54s 275-300 63s 250-300.

ORANGES CA carton Valencia 56s 11.50-12.00 one label 13 50 72-88s 12.50-14.00 113s 14 50 Choice 56s 950-10.50 72-113s 9 75-11.00 138s 9.75 FL 4/5 bushel carton Valencia 48s 11 00 64s 11.00-12.50 80s 12.00- 12.50 100-125s 12 50-13.00 Pope Summer 80s 12 00

APPLES STEADY CONTROLLED ATMOSPHERE STORAGE carton tray pack WA Red Delicious WA Extra Fancy 72-80s 15 00-16.00 88s 15 00-16.00 mostly 16 00 100s 15 00-16.00 mostly 15 00 113s 15 00-16.00 125s 15 00 preferred labels 72s & 88-113s 17 00 US Extra Fancy 80-100s & 138s 12.50 preferred labels 113s 15.00 125s 14.50 Golden Delicious WA Extra Fancy 88s 15 00-16.00 100s 12 00-14.00 113s one lot 12.50 12-3 lb film bags 2-1/4" minimum Supplies insufficient to quote Regular Storage carton tray pack ARGENTINA Granny Smith 100s 16 00 NEW ZEALAND Granny Smith 100s 19 00-20.00.

APRICOTS CA 24-lb carton Katy fair appearance jumbo 10 00 extra large 7.00 WA 24-lb lug Perfection 6-1/2 row size 23 00 7-1/2 row size 21 00 Tilton 7 row size 22.00.

AVOCADOS ABOUT STEADY. CA Hass 1-layer carton 20-24s 17.00-18.00 2-layer carton 40-48s 34.00-35.00 mostly 35.00 60s 28.00-31.00.

BLUEBERRIES LOWER 12-1 pt flats film overwrapped NJ medium 15.00 small-medium 14.00.

CHERRIES ABOUT STEADY WA 20-lb carton Bing WA#1 12 row size & larger 24.00-25.00 mostly 25.00 NJ 8-quart carton Tart 11.00-12.00.

GRAPES-TABLE ABOUT STEADY CA 22-lb carton & lug Thompson Seedless 24.00-26.00 mostly 25.00 one lot 27.00 one lot 21.00-23.00 Flame Seedless 24.00-27.00 mostly 25.00-26 00 small 21.00-23.00 Exotic 20.00-21.00 Beauty Seedless 23.00-24.00 AZ 22-lb lug Flame Seedless 25.00 one lot 27.00 small 22.00-24.00 MEXICO 22-lb lug Thompson Seedless 23.00-25.00 small 20.00-22 00 mostly 20.00 Flame Seedless 25.00.

KIWIFRUIT NEW ZEALAND 1-layer flat 30s few 10.50 33-39s 950-10.50 42s 9.50.

MANGOS STEADY MEXICO carton Tommy Atkins 9s 900 10-12s 900-10.00 14s 900.

NECTARINES ABOUT STEADY CA 25-lb lug Spring Red 56 size one lot 14 00 64 size 12.50-15 00 mostly 13.00-13.50 72 size 12.00-12 50 80-84 size 10 50-12 00 mostly 10 50-11 00 Red Diamond 64 size 13 00-14 50 72 size 12 50 Firebrite 56 size 16.00 64 size 14.00-15 00 72 size 12.50-13.00 80 size 10 50-12 00 Early Sungrand 64 size 13.00-14.00 72 size 12.00-12 50 80 size 10 50-11 00 Spring Diamond 56 size 16 00 64 size 14 00-14.50 72 size 12 50-13.00 84 size 12 00 2-layer carton Summer Beaut 70s 10 00 SC 25-lb carton no variety or grade mark 2-1/2 minimum 900

PAPAYAS JAMAICA carton 8s 800

PEACHES ABOUT STEADY 38 lb carton various Yellow Flesh varieties up sizes US#1 extra unless otherwise stated SC 2-1/2" 16 00 fair condition 14 00 2-1/4" 12 00 2-layer carton Red Haven 48s 10 00-11 00 54s 10 00 CA 2 layer carton Red Top 48-50s 12 50-13 00 Flavorcrest 48 50s 13 00 25-lb carton Red Top & Flavorcrest 56 size 13 00-14.00

PEARS STEADY WA 4/5 bushel carton D'Anjou controlled atmosphere storage US#1 90s 25 00 100s 24 00 135s few 22 00 WAExFcy 100s 25 00- 26 00 110s 24 00-25 00 ARGENTINA 4/5 bushel carton wrapped Packham Triumph 100s 19.00

PINEAPPLES HAWAII 1-layer carton via air 6s 12.00 COSTA RICA 2-layer carton 10-12s 18.00-19 00.

PLUMS ABOUT STEADY CA 28-lb carton Santa Rosa 3x4 size 18.00-20.00 3x4x4 size 17 00-18 00 mostly 17 00 4x4 size 14 00-17 00 mostly 15 00- 16 50 3x4x5 size 14 00-15.00 4x5 size 12.00-14.00 Blackamber 2x3 size one lot 18.00 2x3x3 & 3x3 size one lot 24.00 2x3x4 size 18 00-21 00 3x4 size 18.50-20.00 3x4x4 size 15.00-18 50 4x4 size 16.50 Queen Rosa 2x3 size 23.00 2x3x3 size 22.00 3x3 size 21 00 3x4 size 18 50 Frontier 4x4 size 15.00 El Dorado 3x4 size 20 50 3x4x5 size 14.50.

PRUNES NO SUPPLIES.

RASPBERRIES CA 12-1/2 pint flats film overwrapped 10.00-12.00 mostly 12.00 one label 18.00-20.00 via air 15.00-18.00 WA 12-1/2 pint flats film overwrapped via air 14.00.

STRAWBERRIES HIGHER CA 12-1 pint flats medium-large 8-850 one lot 9-960 one label 11.00-12 00 via air large with stems 12.00

CANTALOUPS LOWER CA 1/2 carton 12s 15.00 15s 15.00-16.00 18s 16.00 AZ 1/2 carton 12s 13.00 15s 13.00-16.00 18s 14.00-16.00 GA 1/2 carton 23s 15 00 30s 13 00 MD large carton 10-12s 10.00-12.00

HONEYDEWS ABOUT STEADY TX 2/3 carton 5s 800 8s 700 CA 2/3 carton one lot 4-6s few 10.50 fair appearance 5s 7-750 6s 750-800 8s 700 AZ 2/3 carton 8s 750

MISC MELONS ABOUT STEADY TX 2/3 carton Mayan Sweet 5s 600 CA 2/3 carton Crenshaw 4s & 6s 12.00 Casaba 5s 12.00 Juan Canary 6s 12.00 Santa Claus 5-6s 13.00.

WATERMELONS STEADY FL & GA average weight per melon Jubilee 37-lb 550-600 31-lb 400 26-lb 350 Crimson Sweet 28-lb 4-450 25-lb 350-400 22- lb 275-300 20-lb 225-250 Long Gray 35-lb 4-450 22-lb 3-325.

Philadelphia Vegetables

Wed., June 29, 1988

CLOUDY 71-87.

ARTICHOKES CA carton 24s few 16.00 36s 14.00 48s few 16 00.

ASPARAGUS SUPPLIES LIGHT MEXICO 12-lb crate & carton bunched 12s extra large & large 20.00-22.00 standard 17.00-22.00 small 16.00-17.00.

BEANS LOWER various bushel containers Round Green type unless otherwise stated VA 13.00-14.00 NJ 14.00.

BEETS NJ crate bunched 12s 450-500 mostly 500 OH crate bunched 12s 600.

BROCCOLI ABOUT STEADY CA carton bunched 14s 9-950 mostly 900 18s 10.50.

CABBAGE SLIGHTLY HIGHER 1-3/4 bushel carton & crate medium Green unless otherwise stated NC 500-600 mostly 5-550 Red 750 50-lb sacks medium-large 750 NJ 500-600 large 500 one lot 7-750 Savoy type 600 Red few 800.

CARROTS SLIGHTLY LOWER 48-1 lb film bags in film sacks CA medium-large 800-900 FL small-medium 600 50-lb sacks loose jumbo CA 10.50-11.00 mostly 11.00.

CAULIFLOWER SUPPLIES LIGHT CA carton film wrapped 12s 15.00.

CELERY SLIGHTLY HIGHER CA carton 2 dozen 10.00 2-1/2 dozen 10.50-11.50 mostly 10.50-11.00 FL 2 dozen few 11.00.

CHINESE CABBAGE NJ celery crate 7-750.

CORN SLIGHTLYL LOWER wirebound crate approximately 4-1/2 dozen FL White 12.00-14.00 mostly 13.00-14.00 GA Yellow 12.00 NC Yellow small 10.00.

CUCUMBERS ABOUT STEADY 1-1/9 bushel crates & cartons Waxed medium unless otherwise stated GA fair appearance 12.00 fair quality 600-800 fair appearance 500 NC 14.00 fair quality 700-800 fair appearance 500 SC fair quality & appearance 500-600 small fair appearance 600-700 VA fair quality 600-800 DE fair quality 600 small 10.00.

EGGPLANT HIGHER GA 1-1/9 bushel crate medium few 12 00 FL 1-1/9 bushel carton medium fair appearance 700-800 fair quality 500-600.

ENDIVE ABOUT STEADY 1-1/9 bushel crate & carton NJ precooled 600-800 OH small 600-700.

ESCAROLE ABOUT STEADY 1-1/9 bushel crate & carton NJ precooled 600-800 OH small 600-700 NY 700.

GARLIC CA per lb 30-lb carton White colossal 80 cents super jumbo 70 cents.

GREENS ABOUT STEADY crates approximately 1-1/2 bushel bunched unless otherwise stated NJ Collards, Mustard, Turnip Tops & Rape 500-600 Kale 600-700 PA Collards, Mustard and Rape 550 Kale 650-700 Turnip Tops 600.

LEEKS NJ crate bunched 12s 10.00.

LETTUCE ICEBERG SLIGHTLY LOWER carton 24s unless otherwise stated CA 10.50-12.00 mostly 10.50-11.50 film wrapped 11.00-13.00 mostly 12.00 NJ 500-600 NY 600-800 CANADA 650-700.

LETTUCE-ROMAINE ABOUT STEADY CA 24s carton 950-10.00 mostly 950 crate 12 00 NJ carton 24s few 6-650 OH crate & carton 24s 500-600 NY carton 24s 550-600.

LETTUCE-OTHER BIG BOSTON CA carton 24s 800 OH crate 24s 500-600 mostly 500 BIBB OH crate 24s 500 LEAF CA carton 24s including Red 9-950 OH crate 24s including Red 500-600 NY carton 24s including Red few 7-750.

OKRA GA 1/2 bushel crate small-medium 12.00.

ONIONS-GREEN ABOUT STEADY NJ 4/5 bushel crate bunched 48s 800-900 CA carton bunched 48s few 10.00 MEXICO carton bunched 48s 700.

PARSLEY SLIGHTLY LOWER bunched 5 dozen curly unless otherwise stated NJ bushel basket 650-800 mostly 700 Plain 650-800 mostly 700 OH crate 700 CA carton 10.50.

PEAS-GREEN Supplies insufficient to quote.

PEAS-SOUTHERN Supplies insufficient to quote.

PEAS-SUGAR ABOUT STEADY 10-lb carton per lb CA 120 GUATEMALA 150.

PEPPERS ABOUT STEADY 1-1/9 bushel crates & cartons Calif Wonder type Green unless otherwise stated GA extra large 10.00-11.00 large 10.00-11.00 small-medium 700 CA large 10.50-12.00 medium 850-900 NJ Longhots few 10.00 NETHERLANDS 5 kilo carton Red large 18.00-20.00 Yellow & Orange large 24.00.

RADISHES STEADY OH carton Red 30-6 oz film bags 4-450 mostly 400 bunched 24s 500-600 mostly 600 White 24-8 oz film bags 700 MI carton Red 30-6 oz film bags 4-450.

SPINACH SUPPLIES LIGHT Savoy type NJ bushel basket 10.00-12.00 mostly 12.00 OH 1-1/4 bushel crate bunched 12.00.

SQUASH HIGHER 1/2 bushel cartons unless otherwise stated NJ Zucchini small-medium 350-400 mostly 400 medium fair appearance 200 Yellow Straightneck small-medium 500.

SWEET POTATOES NO SUPPLIES

TOMATOES SLIGHTLY LOWER 25-lb carton Pink to Light Red 85% US#1 or better unless otherwise stated SALES BY REPACKERS SC one lot 5x6s 11 00 6x6s 10.00 SALES BY OTHERS FL 5x6s 850-950 6x6s 750-850 6x7s 8-850 fair quality 5x6s 700-850 SC 5x6s 850-950 6x6s & 6x7s 8-850 fair quality 5x6s 700-850 Plum type 20-lb cartons SC 12 00 FL 10.00-12 00 CHERRY TYPE 12-1 pint flats SC 16 00 CA 17.00-18 00.

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Wed., June 29, 1988

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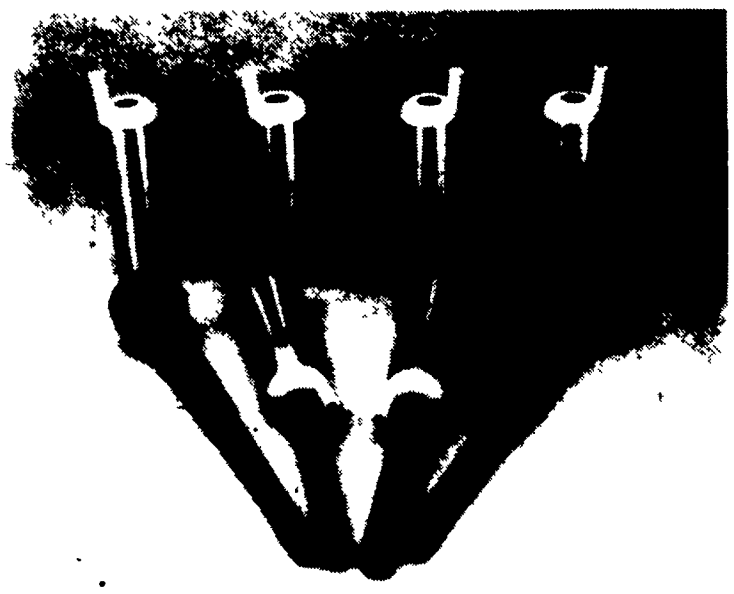

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Phila. Potato & Onion

Wed., June 29, 1988

CLOUDY 71-87.

ONIONS-DRY ABOUT STEADY 50-lb sacks US#1 or generally good quality Yellow unless otherwise stated TX Grano type jumbo few 750 med-lge few 700 Repackers size 7-750 CA Grano type jumbo 650-700 mostly 650 Repacker size 750-800 mostly 750 Red 25-lb sacks jumbo few 800 NM Grano type jumbo 6-650.

POTATOES ABOUT STEADY 50-lb sacks US#1 size A washed or brushed unless otherwise stated Round Whites NC new crop 400-500 mostly 450 VA new crop 425-500 mostly 450 large few 700 CANADA CD #1 Prince Edward Isle large 550 Round Reds NC new crop 7-750 size B 900-10.00 Russets 50-lb carton count ID 70s 11.50 80s 11.00-11.50 90s 10.00-11.00 100s 850 CO Centennials 90s 750 100s 650 CA new crop Centennial 80s 950 90s 850 100s 750 Norkota 70-80s 10.00 90s 900 100s 800.

Leola Produce Auction

Leola, PA

Tues., June 28, 1988

Report Supplied by Auction

BEDDING PLANTS 2 00-4.00 FLAT
BROCCOLI 5.50-7.25, 12-14 CT.
CABBAGE .35-.47 HD.; 3 50-4.25 1¼ BU.
CAULIFLOWER .55-.76 HD.
CHERRIES 11.00-16 00 8-QT. FLAT.
CORN 1.60-2.25 DOZ. WHITE.
CUCUMBERS 10.00-13.50 1 1/9 BU
GREENS 4.50 15 BUNCHES.
LETTUCE 4.00-6.00 PER 12 COUNT
ONIONS 10.00-12.00 40 CT. BUNCH
PEAS 14.00-20 00 1 1/9 BU.
PICKLES 8.00-12.50 ½ BU.
POTATOES 5 00-9 00 PER 25 LB BAG
RASPBERRIES 16.00-24.00 12 PT FLAT.
RED BEETS 4 00-6.50 PER 15 CT BUNCH.
RHUBARB 3.75 15 CT. BUNCH.
STRAWBERRIES 10.00-13 00 8 QT. SHIPPER.
STRING BEANS (GREEN) 20.00-25.00 1 1/9 BU. (YELLOW WAX) 10.00-13.00 ½ BU
SUGAR PEAS 17.00-20.00 ½ BU.
SUGAR SNAPS 16.00-20.00 ½ BU.
TOMATOES 30.00-50.00 25# #1 GREENHOUSE.
ZUCCHINI (GREEN) 3.00-6.25 ½ BU.; (YELLOW) 2.50-5.25 ½ BU.
NOTE: SALE WILL BE HELD MON., JULY 4.

Shippensburg Produce Auction

(717) 530-1700

Shippensburg, PA

June 23, 25 & 28

Report Supplied by Auction

APPLES 2.75-3.75 HALF BU.
BEDDING PLANTS: 1.75-3.75 FLAT.
BLUEBERRIES: 20.00-22.00 8 QT. FLAT.
BROCCOLI: 5.50-8.50/BU.
CAULIFLOWER: .22-.91 EA.
CHERRIES: SOUR 5.75-6.25 8 QT FLAT; SWEET 6.75-13.25 8 QT. FLAT.
CUCUMBERS: 5.75-8.75 ½ BU.
EGGS: .57-.77 DOZEN.
HONEY: .80-1.30 LB.
LETTUCE: 3.00-4.25 BU.
SPRING ONIONS· 6.00-10 00 (40-COUNT) BU.
HULL PEAS: 7.00-10.50/HALF BUSHEL.
RASPBERRIES: 11.75-14.00 12 PT FLAT.
RED BEETS: 5.00-8.00 BU.
STRAWBERRIES: 8.00-9 25 8 QT. FLAT.
STRING BEANS: 9.00-14.25 HALF BU.
SUGAR PEAS: 10 50-19 75 HALF BU
SUGAR SNAPS: 8 00-15.00 HALF BU
TOMATOES, FLA: 10.00-14 00 25# BOX.
WATERMELON: FLA. MD. 1 75-3.25 EA.
ZUCCHINI· (LOCAL) 6 75-12 00 HALF BU.

Buffalo Valley Produce Auction

June, 28 & 30

Report Supplied by Auction

CAULIFLOWER: 25-1 00 PER HEAD.
CHERRIES (DARK) 12 25-13.00 8 QT FLAT, (SOUR) 7.00-8.00 8 QT. FLAT
CORN: 1.50-4 00 DOZ.
CUCUMBERS: FEW 12.75 BU.
PEAS: 3.00-5.00 PER HALF BU
POTATOES: (FEW NEW), 6 25-7 25 50 LB. BAG; (UNCLASSIFIED) 1.65-2.50 50 LB. BAG.
RED BEETS: .30-.55 BUNCH.
STRAWBERRIES: 10.25-10.75 8 QT FLAT.
STRING BEANS, GREEN: FEW 10 75 ½ BU.
SUGAR PEAS: 3.50-10.00 PER 10-LB BOX.
TOMATOES: LB. 6.00-15.50 25 LB. BOX; MD. 10.25-11.00 25 LB. BOX.
WATERMELON: CRIMSON SWEET 2.80-3.10 EA.
ZUCCHINI: 1.75-5.50 ½ BU.

Mercer Livestock Auction

Mercer, PA

Tuesday, June 28, 1988

Report Supplied by PDA

CATTLE 194...PDA...Compared with last Tuesday's market: Slaughter steers .50 to $1 lower; Cows $5 to $6 higher. Choice sl. steers 63.50-67.75, Select 58.00-63, Standard 51.50-58.50. Choice sl. heifers 61.50-67.75, Select 56.00-60.50, few Standard 50.00-55.00. Breaking Utility & Commercial sl. cows 45.50-49.85, Cutter & Boning Utility 43.00-47, Canner & Low Cutter 36.00-43.50, Shells down to 24.00. Couple Choice sl. bullock 62.75&63.00. Yield Grade No. 1, 1100/1780 lbs. sl. bulls 52.00-55.50. Feeder Cattle: Few Medium Frame No. 1, 400/600 lbs. steers 53.00-66.00. Few Medium Frame No. 2, 600/800 lbs. bulls 47.00-56.00, Large #2, 215/450 lbs. 48.00-55.50.

CALVES 94.. Few Choice vealers 95.00-100.00, Good 70.00-85, Standard and Good 90/120 lbs. 85.00-100, 60/85 lbs. 75.00-90, few Utility 45/60 lbs. 40.00-60.00. Farm Calves: Holstein Bulls 90/120 lbs. 100.00-140.00.

HOGS 215...Barrows and gilts .50 to .75 lower. US No. 1-2 210/240 lbs. 46.00-46.60, one lot 47.10, 1-3 210/255 lbs. 45.00-46, 2-3 240/260 lbs. 44.00-44.85, one lot 2-4 300 lbs. 37.50. Few US No. 1-3 300/500 lbs. sows 28.00-30.00, few 2-3 300/500 lbs. 28.00-30.00, few 2-3 350/500 lbs. 25.00-27.50.

FEEDER PIGS 5...No Market Test.

SHEEP 21...Few Choice 70/75 lbs. spring slaughter lambs 50.00-55.00, one small lot at 50.00. Few Slaughter sheep 13.00-16.00.

GOATS 0...No Market Test.

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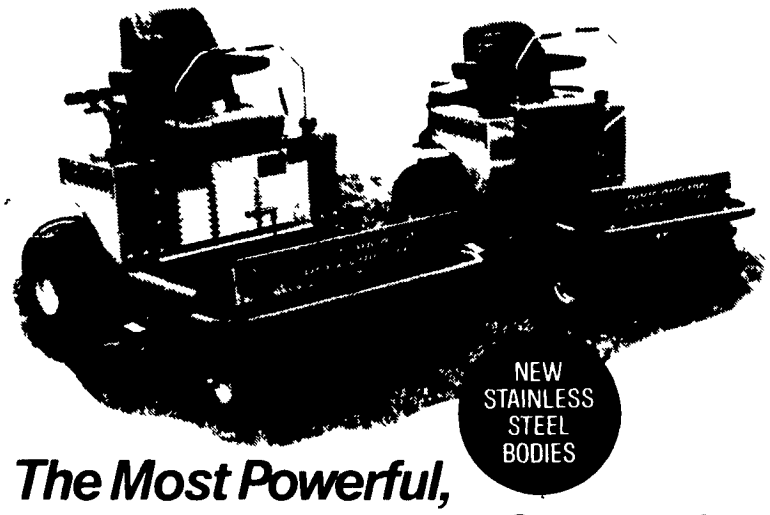

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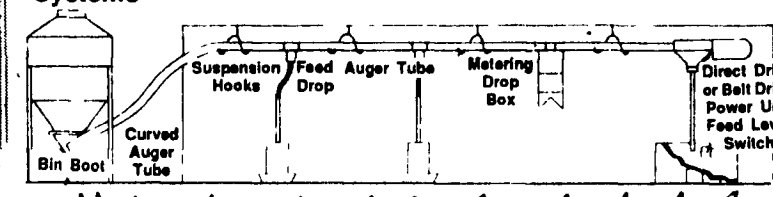

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7-2

Feeding Urea May Reduce Ration Costs

R.S. ADAMS, and
J.G. HLUBIK
Dairy and Animal Science, PSU

UNIVERSITY PARK (Centre) — Lower prices for milk in some markets and somewhat higher feed and other costs have caused dairymen to look for ways to ease financial pressures. Use of ingredients that are more economical sources of nutrients in a well-balanced ration can help maintain margins. Discontinuing the use of oats and including barley or ear corn and more economical protein supplements in the diet may appreciably reduce feed costs. Further reductions may be possible from proper use of urea in concentrate mixtures. Its use at a moderate level of 1% in a finished dairy feed may lower costs by $8.00/ton or more. The use of urea as a partial substitute for natural protein is probably better suited to rations containing corn silage and hays or low protein haylages than those with high protein haylages. The latter contain considerable levels of naturally-occurring non-protein nitrogen (NPN).

An adjustment period of 2 to 4 weeks is necessary to allow the rumen microflora and lining to adapt to the higher levels of NPN coming from urea. During this period milk production may drop slightly, but return to normal if the ration has been properly balanced. To aid in this adjustment and avoid concentrate intake problems, it is best to gradually increase levels of urea in a finished feed. Start at a level of 0.5% in the feed and build to 1.0% or a maximum of 1.5% over a period of 3 to 4 weeks.

Urea should not be used in a grain mix or TMR containing soybeans, unless they have been properly heat-treated to reduce urease activity. This could liberate ammonia before the feed is consumed. Concentrate mixtures containing over 86-88% moisture may result in some liberation of ammonia from urea via microbial growth. This can reduce palatability and protein equivalent intake by the cattle. Farm grains that run as high as 20% moisture at times or the addition of relatively high levels of molasses often are the sources of excess moisture in a grain mix. Urea or urea-containing feeds may be used in total mixed rations, especially if they are mixed at least once daily and not for long periods ahead of feeding.

Since the use of urea reduces the level of high-protein ingredients in a feed it is important that a ration be properly balanced for most minerals as well as protein, energy and vitamins. The total NPN or soluble protein levels should be kept at a level of 33% of the total protein equivalent present in the entire diet (forage plus concentrate). Rumen undegradable or by-pass protein content should be maintained at 35-37% of total protein in the diet. Inclusion of 4 to 5% liquid molasses or 2 to 3% dried molasses may improve the palatability of urea-containing feeds fed conventionally.

Proper levels of urea used in a well-balanced ration should not be harmful to health, reproduction or production in adapted animals. If urea is used in rations for milk cows, it should be kept in the ration of dry cows to maintain adaption. If it is fed to heifers at breeding time, it should be used in the ration of young stock at least 3 to 6 months prior to expected breeding. Heifers require a longer adaptation period than older animals, especially in regard to reproduction.

Sometimes a combination of urea and rumen by-passable protein sources may provide an economical, as well as nutritionally sound ration. An intake of .25 lb. to .45 lb. of urea per head daily for average to high cows, respectively, often may be possible on some forage rations.

A preferred way of feeding an NPN source such as urea would be to apply it at proper levels to corn silage at ensiling. While urea can be used on whole plant silage, a nutritionally preferred source would be liquid anhydrous ammonia. Between now and another harvest of corn silage, proper use of urea in a feed could be of value in a well-formulated ration fed under good conditions. Protein concentrates containing urea are available from some feed concerns.

Farmers Union Offers Drought-Relief Proposal

DENVER, Co. — With the drought of 1988 spreading in to more and more states, the National Farmers Union and state Farmers Union organizations have proposed a slate of legislative and administrative proposals aimed at providing farmers financial relief from production losses.

In a plan adopted this week, the Farmers Union introduced a four-pronged approach to relieve the economic woes farmers in drought states are facing. The plan, which was forwarded to some members of congress and USDA officials, asks for legislation that would allow farmers to enter failed acreage into the 0-92 program in counties declared as disaster areas. Under the proposal, those farmers would not be allowed to harvest the newly-enrolled acreage and would have to take steps to control erosion on the land.

Secondly, the Farmers Union is recommending legislation allowing livestock producers with feed grain under loan to buy the grain at 75 percent of the loan rate in order to help them maintain their herds. Farmers in several northern states already have had to sell all or part of their foundation herds due to the severe feed shortage.

The last two proposals ask Agriculture Secretary Richard Lyng to use already existing programs for drought relief: the emergency feed program whereby producers cost-share feed grain purchases with USDA, and the haying and grazing of conservation reserve and water-bank acres.

The Farmers Union statement says the emergency actions are needed not just to offset the immediate impact of the drought, but to head off a potential credit crisis in the coming months. This crisis, the statement says, will be brought about by the loss of production occurring in many states and the loss of deficiency payments due to drought-related market rallies.

During a joint appearance on the NBC "Today" show with Secretary Lyng, NFU President Leland Swenson said that the administration must move faster in implementing such programs. "The noose that's been around the necks of many farmers and ranchers has become extremely tight," said Swenson. He termed the administration's efforts at drought relief a "drought of action" for farmers in states where crops and livestock herds have already been lost.

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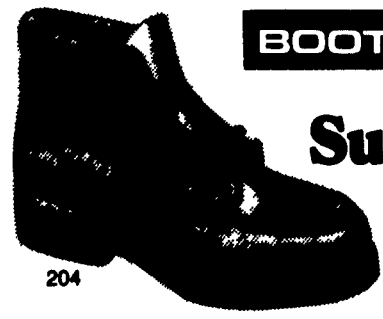

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Dairy Cooperatives Honor Outstanding Young Farmers

(Continued from Page A1)

winner receive an expense-paid trip to the National Milk Producers Federation's annual meeting. Here they have an opportunity to attend the national young cooperators program.

The third through fifth place winners receive expense-paid trips to the American Institute of Cooperative's annual National Institute where they will interact with young farmers from various agricultural backgrounds.

Atlantic Dairy Cooperative

David W. and Phoebe R. Bitler of Fleetwood in Berks County captured the "Outstanding Young Cooperator" for Atlantic Dairy Cooperative. The Bitlers operate the Vista Grande Farm, a 349-acre farm with 173 head of registered Holsteins. Their average annual production is 20,274 pounds with 721 pounds of butterfat on 88 cows.

In second place were Laurence and Valerie Johnson of Forest Hill, Maryland. The Johnsons farm in partnership with Larry's family and are responsible for the 80-cow milking herd. Average annual production at Merry-Lar Farm is 14,400 pounds of milk and 547 pounds of butterfat.

In third place were Francis L. and Joyce Uhland, Jr. of Mt. Joy, previously from Lititz where they operated a 155-acre, 63 head Holstein farm. The Fra-Joy Dairy posted an average annual production of 15,633 pounds of milk and 595 pounds of butterfat on 38 cows.

In fourth place were Michael A. and Linda J. Behrer of Spruce Creek. The Behrers operate a 765-acre, 185 head Holstein farm, the Willow Behrer Farm. They are the sole owners of the farm and employ four full-time and three part-time employees. Average annual production is 17,872 pounds of milk and 642 pounds of fat on 160 cows.

Philip M. and Cheri L. Pettit of Woodstown, New Jersey took fifth place. The Pettits operate a 637-acre farm with 450-head of registered Holsteins. The Pettit farm, Clovervale Dairy Farm Inc. is organized as a small family-held corporation of which Philip and Cheri own 40 percent of the shares. Average annual production is 19,252 pounds of milk and 716 pounds of butterfat on 255 cows.

Maryland and Virginia

D. Richard and Karen Arrington, III, of Mt. Airy, Maryland captured the "Outstanding Young Cooperator" award in Maryland and Virginia Cooperative contest with 19 couples vying for the honor. The Arringtons own one-third of the livestock and equipment on their family-operated farm. Their herd average is 18,287 pounds of milk with 115 grade Holsteins.

Thomas and Bonnie Remsberg of Middletown, Maryland were the first runners-up. In second were William and Jeanette Hunsberger of Davidsville, Pennsylvania. Elam and Diane Myers of St. Thomas, Pa., captured the third runner-up spot.

Mid-Atlantic Dairymen Inc.

Kevin and Robin Martin of Oxford, Pennsylvania, received the "Outstanding Young Cooperator" award. This Chester County couple farm 70 acres and have 90-head of registered and grade Holsteins and milk 50 cows.

Contestants were judged on their knowledge of dairy farming and dairy issues and on their ability to communicate effectively through speaking.

Dave and Phoebe Bitler, owners of the Vista Grande Farm in Fleetwood, were named Atlantic Dairy Cooperative's "Outstanding Young Cooperators" for 1988. They farm 349 acres and carry a 20,274-pound of milk and a 721-pound butterfat herd average on 88 registered Holsteins.

Kevin and Robin Martin of Oxford in Chester County were named the "Outstanding Young Cooperators" for 1988 for the Mid-Atlantic Division of Dairymen Inc.

Michael and Linda Behrer of Spruce Creek captured fourth place in ADC's Young Cooperators contest.

Larry and Valerie Johnson of Forest Hill, Maryland captured second place as Atlantic Dairy Cooperative's "Outstanding Young Cooperators" for 1988.

1989 Wheat Program Provisions

YORK — York County ASC Committee Chairperson, Geary Huntsberger today announced a required 10 percent acreage reduction and other provisions of the 1989 wheat program.

Other provisions of the 1989 wheat program include:

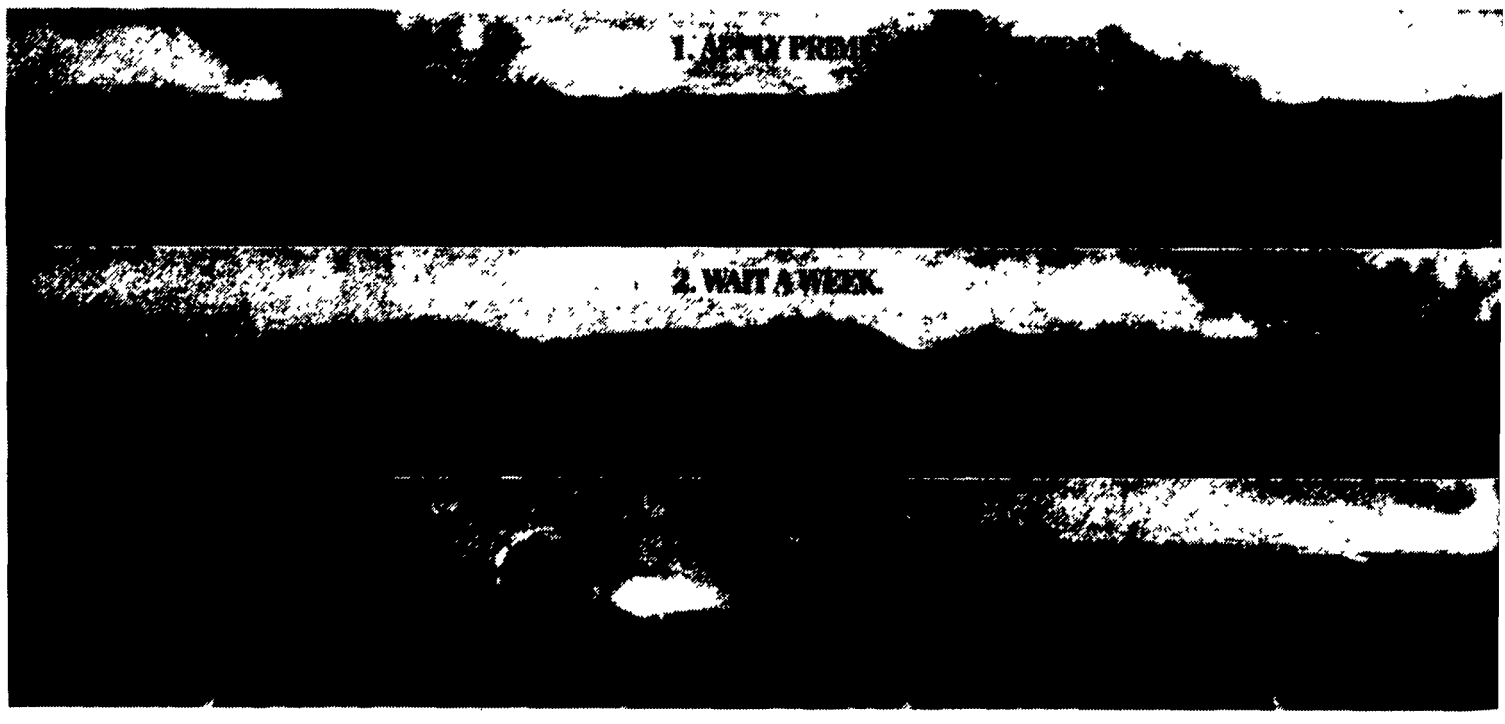
— A price support loan and purchase rate of $2.06 per bushel, a 20 percent reduction from the basic loan and purchase rate of $2.57 the 1988 loan rate was $2.21/bu.

— The established target price is $4.10 per bushel, the statutory minimum, and down three percent from the 1988 target price of 4.23 per bushel.

— A paid land diversion will not be implemented.

— No marketing loan or related program provisions will be implemented.

— Producers will be required to maintain in acreage conservation reserve an area equal to 11.11 percent of program payment acreage.



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Outstanding Farmers

Philip and Cheri Pettit took fifth place in the ADC's Young Cooperators contest. Sixteen couples were involved in the year-long competition which focuses on eudcation and leadership development.

Francis and Joyce Uhland, Jr. of Mt. Joy, placed third in ADC's Young Cooperators contest.

Low Input Farm Seminar

DILLSBURG — The seminar to promote low input farming and discussed chemical free agriculture has been scheduled for July 21 to 23 at the Chalet Restaurant in Dillsburg. Sponsored by J & J Agri Products. Jim McHale, owner, said internationally known speakers will present a wide variety of subjects of interest to farmers who wish to reduce costs of production and become more compatible with the environment. J & J markets soil conditioners and plant food products that help to restore the natural balance in the soil for increased production. Satisfied farm customers tell of better plant growth especially under drought conditions.

The list of seminar speakers and topics appear elsewhere in this issue. Persons who have interest may call J & J Agri Products in Dillsburg for more information and seminar registration details. The toll free number to call is 1-800-233-0138.

NEWS FROM REGIONAL COOPERATIVE MARKETING AGENCY INC RCMA

RCMA Premiums Jump To 30 Cents Per CWT

BATAVIA, N.Y.— Dairy farmers in 11 Northeastern states who market their milk through the Regional Cooperative Marketing Agency will start receiving checks this week that total 30-cents per hundredweight for milk shipped during April.

The premium, which is up dramatically from the 17-cents per cwt. paid on March milk shipments, totals $4 million to the more than 22,000 members of RCMA.

"We're pleased to be able to deliver a 30-cent premium at a time dairy farmers are feeling the cost squeeze of the lowest milk prices since 1981 and rapidly escalating feed prices," said William Zuber, RCMA president. "We recognize that there's still a long way to go and RCMA still faces challenges from milk dealers who would love to see an end to farmer unity and over-order premiums."

Zuber said the jump in the premium was the result of several factors, including increased RCMA Class 1 sales and collection of accounts. "Operating costs during May were just over a penny per hundredweight, which points out how tightly this organization controls costs," he noted.

While the 30-cents per cwt. RCMA checks are the largest written for the 11-state marketing region, several giant milk processors continue to try to torpedo RCMA's efforts to get farmers a fair price for their milk.

"Starting with July's milk and through the fall there are several large dealers planning to offer private premiums, which encourage dairy farmers to leave RCMA. Our members recognize that if the dealers are successful in breaking RCMA, then farmers will be back to taking prices rather than setting their price," Zuber said. "The problem is that with the price squeeze that's now on, many dairy farmers naturally get short sighted. When the feed bill comes in, that attractive offer of more money immediately is very difficult to resist."

Zuber said that during the last three months only five members have dropped out of RCMA. At the same time more than 150 independent dairy farmers have joined the organization.

"Farmers joining with their neighbors is what is going to win this battle. We have proven that we can receive more than the federal minimum price for our milk. Now we need to work on improving income to a level where it covers our costs on the farm," Zuber said.

RCMA continues to work on membership sign-up. A series of meetings in New York, New Jersey and Pennsylvania will be held during July and August to attract new members. Sections of this region represent low membership areas for RCMA.

Two on-going dealer problems for RCMA concern Farmland Dairies Inc. of Wallington, N.J. and Hershey Chocolate Co. of Hershey, Pa. Zuber offered the following updates:

• Approximately 150 dairy farmers who joined a milk diversion program launched Feb. 1 continue to ship milk elsewhere because Farmland has refused to pay the RCMA Class 1 price. About half of these dairy farmers have found permanent homes with other milk dealers who participate in the RCMA program.

• Hershey continues to drag its feet in finalizing an agreement with RCMA.

"Now is a very critical time for RCMA and for dairy farmers of the Northeast. We are going to work hard at improving income to dairy farmers and are relying on the power of our 22,000 members to remind their milk dealers of the importance of RCMA," Zuber said.

30 YEARS AGO
THIS WEEK

— Young men and women from South Central Pennsylvania took an active role in the 29th 4-H Leadership School, June 23-27, at Pennsylvania State University.

Four were elected presidents of model 4-H Clubs that were set up as workshop units. They are: Robert Wagner, Quarryville RD2; Michael Williams, Middletown RD1; Harold Frey, Marietta, RD1; Robert A. Stoltzfus, Elverson.

— Lancaster County Swine Producers will have their annual field day Aug. 2 at Masonic Homes, the board of directors decided at a meeting Thursday.

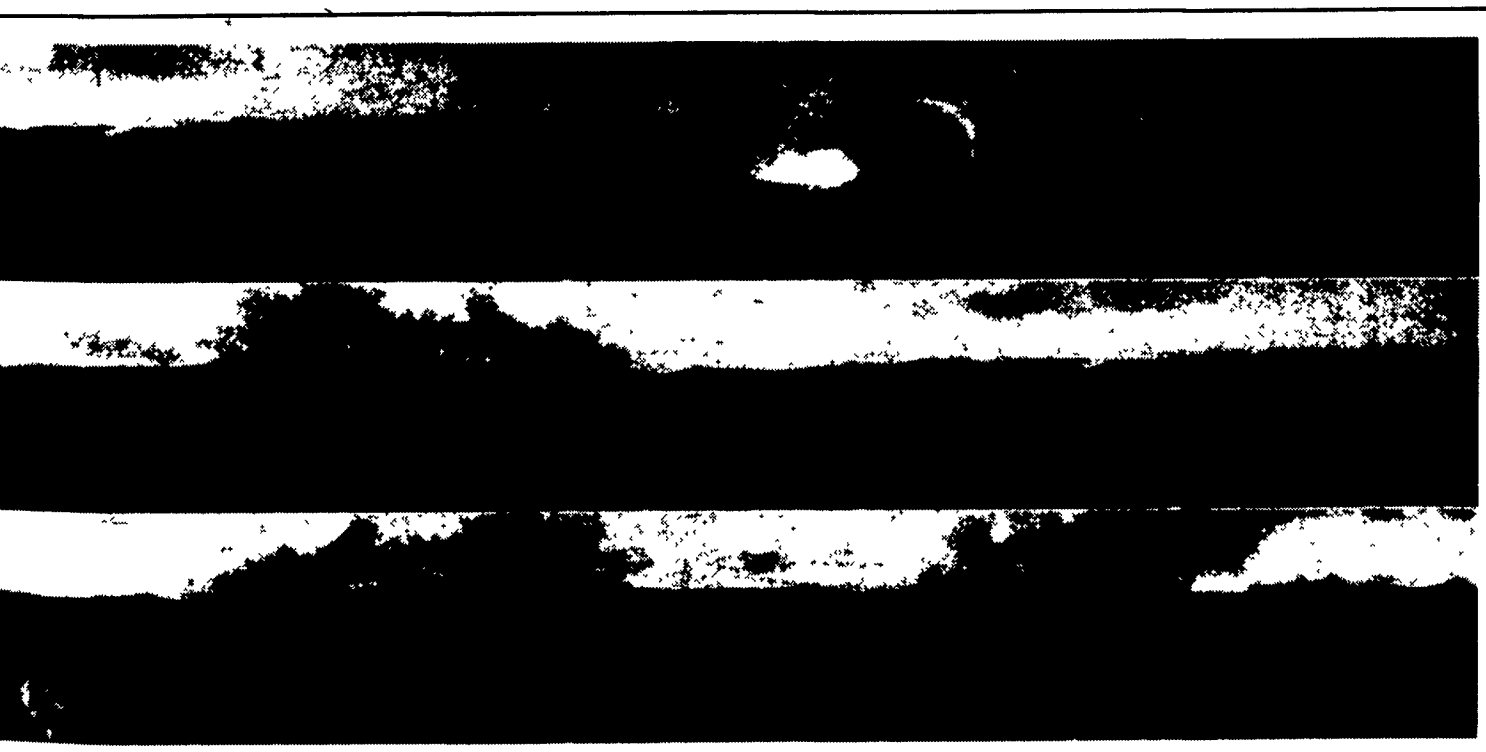
The field day will feature a barrow judging contest starting at 10 a.m., a picnic lunch, and a speaking program and tour of Masonic Home's farms in the afternoon.

— Pennsylvania's red sour cherry crop was estimated today by the State Department of Agriculture at 9,000 tons, three percent under last year but five percent above the 10-year average from 1947-1956.

Total U.S. red cherry production is forecast at 90,470 tons, 38 percent under 1957, making it the smallest crop since 1945.

— Consumers indicated that they preferred the fatter grades of beef according to the results of a consumer preference study in the St. Louis, MO, area.

— Polyethylene-packaged potatoes offer greater economy through moisture-weight retention than paper packed counterparts, according to recent tests evaluated by the United States Department of Agriculture.



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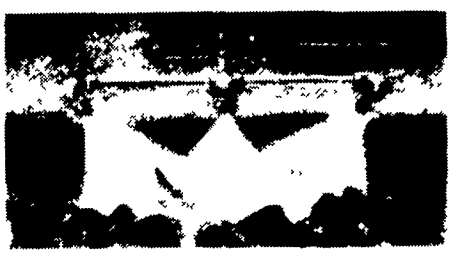

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Education Is Priority For York's New Extension Agent

BY JOYCE BUPP
York Co. Correspondent

YORK — On the evening before her first day on the job as York County Dairy Extension agent, Dr. Robin Keyser looked at her husband, and half-jokingly commented, "I wonder what an extension agent does?"

That was mid-February. Now, with four months worth of on-the-job experience, York's new extension dairy specialist has some fairly firm ideas about the kind of programs and assistance she can offer the county's dairy producers.

"My goal," she noted in her recent extension dairy newsletter, "is to develop a dairy education program that will deal with issues which have been given high federal and state priorities, while also remaining responsive to the specialized needs of dairy farmers and youth in York County."

Education programs seem a natural direction for Robin, formerly Assistant Professor of Agriculture at Missouri Western State College. In that position she taught a variety of animal science courses. From January, 1983, through May, 1987, she was a graduate instructor in animal nutrition at Purdue University, with undergraduate studies done at Virginia Tech. Her doctorate studies were in the field of ruminant animal nutrition, with heavy emphasis on dairy cattle.

Extension programs, however, were not really unfamiliar to Robin. She grew up active in both the 4-H and FFA programs in Howard County, Maryland, where her parents had dairy and sheep production farms. And, she maintained contact with extension programs in the areas where she had been teaching for the past several years.

Robin's 4-H background dovetails with part of her new job's responsibilities of working with York County's dairy and horse 4-H activities. She's been attending meetings of the groups and lining up volunteers to assist with 4-H teams and events. Roundup arrangements are nearly finalized for dairy club members, and the five horse clubs she advises have summer activities scheduled.

She is looking for ways to encourage more dairy youth to take part in 4-H programs. And, while enhancing the emphasis of show ring competition, Robin also hopes to focus on dairy management for program members.

"I'm pleased with a new program planned at Penn State on October 28-29, a Dairy Management Workshop for Youth, age 14 and over," she explains. That program is aimed at young people interested in pursuing dairy-oriented careers.

Robin has also been named assistant superintendent of the sec-

(Turn to Page A24)

York County's new dairy extension agent, Dr. Robin Keyser, inherited a "herd" of tru-type cows with her office in the extension complex. Along with her informational and educational work with the dairy industry, Robin will be advising the 4-H dairy programs and five of the county's 4-H horse clubs.

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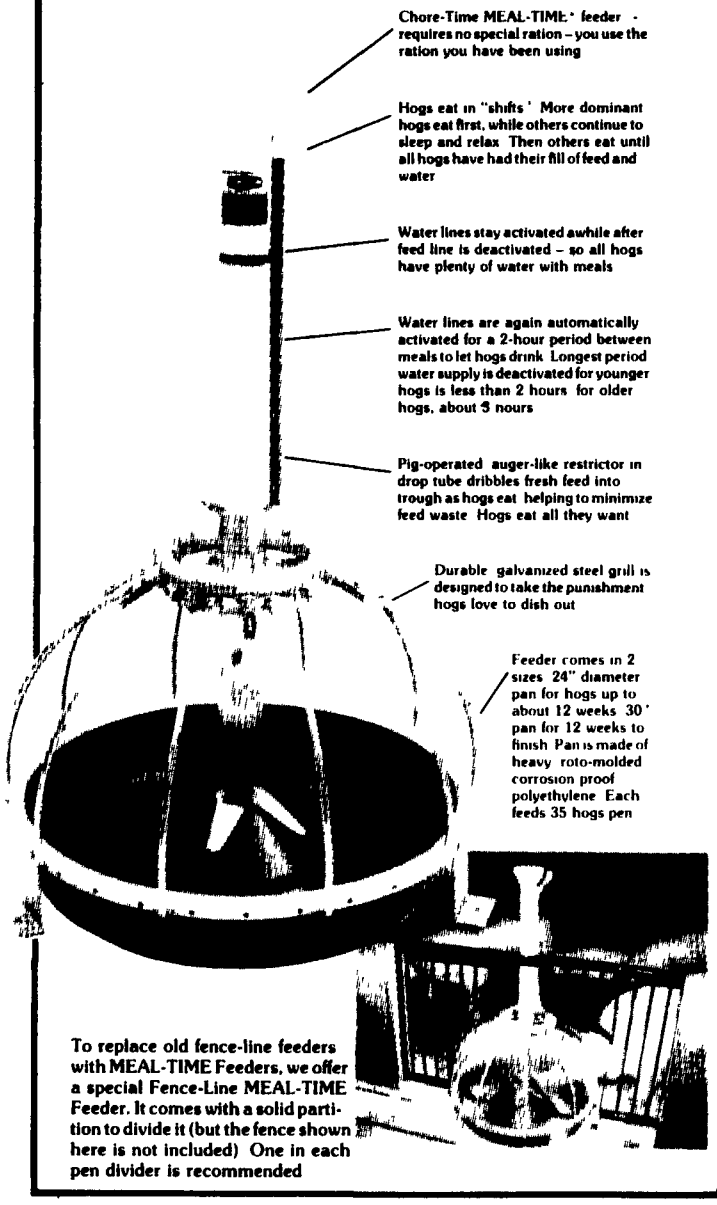
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Soybean Prices Climb - Dairy Men Can Turn To Alternative Protein Sources

BY R.S. ADAMS
Penn State University
Dept. of Animal Science

UNIVERSITY PARK (Centre) — Sharp advances in feed prices, particularly for protein supplements are of concern to feed manufacturers and dairymen. Adjustments should be considered in feeds and feeding to ease financial pressures.

Dairy farmers should consider limiting the use of whole-plant corn silage or other low-protein forages for dairy cows. Feeding primarily forage containing 16-20% crude protein on a dry matter basis may keep supplemental protein needed at a minimum. Often a finished dairy feed containing 12 to 16% crude protein (as fed) may be adequate compared to the need for an 18-24% feed when relying heavily on corn silage or other low-protein forages. Intensive grazing of young pastures attained by providing a new paddock every ½ to 1 or 2 days also can furnish cows with relatively higher protein and energy content than most stored forages. High protein alfalfa hay at $100-$130 per ton may furnish protein at unit costs similar to soybean and other protein sources.

Often a safety factor equivalent to 1% crude protein in a finished dairy feed is used in developing rations. Thus experienced nutritionists and dairymen with good production records might consider lowering protein levels moderately while monitoring response of the cows closely in terms of dry matter intake, milk produced and milk fat test. Problems with protein nutrition generally are more apparent during the first 60-90 days of the lactation. Lower dry matter intake, production and sometimes milkl fat test may occur from improper levels of total protein and rumen degradable or undegradable protein. Adequate amounts of methionine and lysine also must be present in the diet.

Adequate Protein

Some research indicates that as little as 12.5-14.0% protein in the total ration dry matter may be adequate for good producing cows even in early lactation. Other studies indicate that the protein needs may be closer to 18%. These discrepancies indicate that proper protein allowances are far from being well established. It appears that the lower protein levels may be adequate when corn silage provides all or most of the forage dry matter and soybean protein provides the majority of the supplementary protein.

In addition microbial protein synthesis must be at an optimum level via a well-balanced ration and good feeding practices. Thus protein intakes may be 85-90% of usual standards in some herds with little or no appreciable effects on response. The key to capitalizing on such a discrepancy lies in the ability of the feeder and his nutritional consultant to determine a practical level in an individual herd situation by closely monitoring dry matter intake and production when changes are made.

Response to protein follows the law of diminishing returns. At current milk price and costs for protein supplements it appears that use of 15-16% crude protein in the total ration dry matter may be more profitable than higher levels for early lactation cows, even in herds responding well to an 18% level in the past.

Non-Protein Nitrogen

Other steps that may be taken to ease the feed price situation include the use of urea or other non-protein nitrogen sources to replace part of the natural protein in the diet. The use of added NPN or urea is best suited to rations containing a high proportion of corn silage and dry grain. It is least compatible with a high haylage ration, especially if high-moisture grain also is fed. Urea may be included at levels as high as 1.5% in a finished feed if cows are fed a well-balanced ration. Mineral levels, including sulfur, usually need adjustment when urea is fed. Urea should be gradually introduced over a period of 2 to 4 weeks, starting at levels equivalent to .5 to .75% in a finished dairy feed. Do not use urea in a mixture with raw soybeans.

Wet Brewers Grain

Wet brewers grains may furnish protein at lower costs per lb than most other by-product feeds or usual protein supplements. Wet brewers may be fed to milking animals at 20 to 40 or 50 lbs. per head daily. It is important to keep some soybean, canola or animal protein source in the ration to provide adequate amounts of lysine, which is low in brewers or other corn by-products. Wet brewers should be considered largely as a wet concentrate, not a forage or roughage substitute.

Compare Per Pound Prices

Most by-product ingredients, at least dry ones, can be expected to fall in line with prices for soybean oil meal and soybeans. At retail prices soybean oil meal may furnish protein at a lower cost per lb. than cooked beans. Look at unit protein costs or, better yet, formula costs in at least-cost but properly balanced ration before deciding to change protein supplements. Despite the lower cost per ton or cwt, some by-product ingredients may be more costly sources of protein. For example 26% distillers might be providing protein at $.38-$.44 cents per lb. versus 34-35 cents for soybean oil meal.

Dried brewers or corn gluten feed may be more favorable priced than other mid-protein ingredients. Alternative protein supplements to soybean oil meal or beans include canola from low toxicity rapeseed and cottonseed meal. Canola (38% protein) can replace all of the soybean protein in rations for dairy cattle since it has an adequate level of lysine and other essential amino acids.

Cottonseed meal (usually 41% protein) has been satisfactorily used as the only protein supplement for dairy cows. Since it contains appreciably less lysine and methionine thay soybean protein, it might be important to keep some soybean protein or animal protein in the ration if corn products are being used to provide more undegradable or rumen by-passable protein in a mix. It seems best to have at least .6% lysine and .2% methionine in a finished dairy feed. Thus the total cottonseed level in the ration (cottonseed oil meal plus whole cottonseed) should probably be limited to 35% of the finished feed for dairy cows.

Because varying amounts of gossypol may be present in both cottonseed meal and whole cottonseed these ingredients should be limited to not over 20% of the total concentrate fed to calves under 3 to 4 months old. Gossypol is somewhat toxic to young ruminants and single-stomached animals. Older younger stock and adult ruminants are not aversely affected by gossypol. Cottonseed meal tends to produce firmer manure.

Peanut Oil

Peanut oil meal (45% protein) also may be considered. It is close to cottonseed meal and in lysine and methionine contents, but higher in fat at 5% than most oilseed meals. This should be taken into account if other high fat ingredients or products are used. Its use at higher levels may result in a laxative effect.

Corn gluten meal (41% or 60%

(Turn to Page A25)

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Education Is Priority

(Continued from Page A22)

ond Junior Dairymen Contest, scheduled for All-American week in September. Categories in the contest, which is open to 4-H and FFA members from all states, include cattle type judging, feed, forage, milk flavor and vet equipment identification, dairy marketing, dairy management, and personal interviews for the top ten finalists.

With the seasonal 4-H schedule nearly finalized, Robin is looking beyond harvest season toward winter programs geared to the interests of York dairy producers. For advice and direction, she is activating the dairy advisory committee, seeking members' thoughts on the informational-educational needs of the county's milk producers.

State extension goal guidelines have heavy emphasis on profitability in agricultural enterprises.

"That's a number one priority of mine in the livestock area," Robin notes.

With some computer experience, and both hard and software available for farm analysis, the York dairy agent hopes to encourage dairymen to use those tools by plugging in their own enterprise figures. FINPACK, farm management software developed at the University of Minnesota, and available through Penn State, offers "what if" analysis for interested farm families. A series of financial planning and analysis sessions is under consideration as part of the winter's educational programs.

Marketability of products, or dairy production quality, along with improving reproduction efficiency, are also high on Robin's priority list for dairy education activities.

So, already under consideration, are some limited attendance sessions - mini-schools - to focus on reproduction and milking, where producers can look at fine-tuning their management on such specific problems. And, with her ruminant nutrition background, Robin is eager to work with individual producers in assessing general herd feeding guidelines and evaluating alternate sources of feedstuffs.

"But, I want to leave the actual formulation of feeds up to feed firms' specialists and farmers' nutrition consultants", she emphasizes. "They have access to most current pricing information and ingredient availability. Make sure, though, that feed balancing consultants are looking for less expensive feed sources, but use their expertise."

Robin does encourage dairymen to pay very close attention to feeds, especially as soybean prices remain high.

"It will be harder to make it," acknowledges Robin of the dairy industry squeeze between diminishing milk prices and climbing feed costs.

"We'll have to become a little more efficient in management, pay attention to milking procedures, hold down SCC to cut loss of income from decreased production," she figures.

Though initially unsure what to expect in the Pennsylvania Agriculture Extension Service, Robin already sees a definite trend toward increased use of specialists. And, she wants to use that available expertise in serving York County's agriculture.

"As certain commodities decline in production, there will be more multi-county extension specialists used to get out the best available and timely information to users of the system. Regulatory agencies will force better engineered systems and water quality emphasis will continue. I'd like to know all I can about all those subjects; but I can't do that. Instead, all those support people are available through the extension program."

"There are no guarantees of solutions to all the problems. But I'd like to help York dairy producers be award of as many options as possible, to help them make educated decisions."

ADA/DC Distributes Dairy Promotion Placemats

WILLIAMSPORT, PA. JUNE 10, 1988) — "Make Every Day a Dairy Day" is one of the most recent promotional strategies being used by the American Dairy Association and Dairy Council (ADA/DC). This slogan is being distributed throughout Pennsylvania in the form of colorful placemats that depict a farm scene with dairy products superimposed on top.

The Blair County Dairy Promotion Committee is one of the many clubs in the state that will be utilizing the placemats. The Blair County Club, which recently won first place in the Club Dairy Promotion contest sponsored by the PA Holstein Association, will be distributing the placemats to local restaurants.

Debbie Metzker, committee chairperson, feels that the placemat promotion is a worthwhile program. Ms. Metzker said, "It is essential that we encourage and initiate people purchasing milk and milk products when they eat out. The placemats are a great visual reminder that our products are available."

Two million placemats have been printed for distribution in ADA/DC's marketing area as part of the June Dairy Month campaign. ADA/DC staff will distribute the placemats to restaurants throughout the marketing area. They have also been made available through county promotion groups.

The ADA/DC is a dairy promotion association funded by 20,000 dairy farmers from Pennsylvania, New York and New Jersey.

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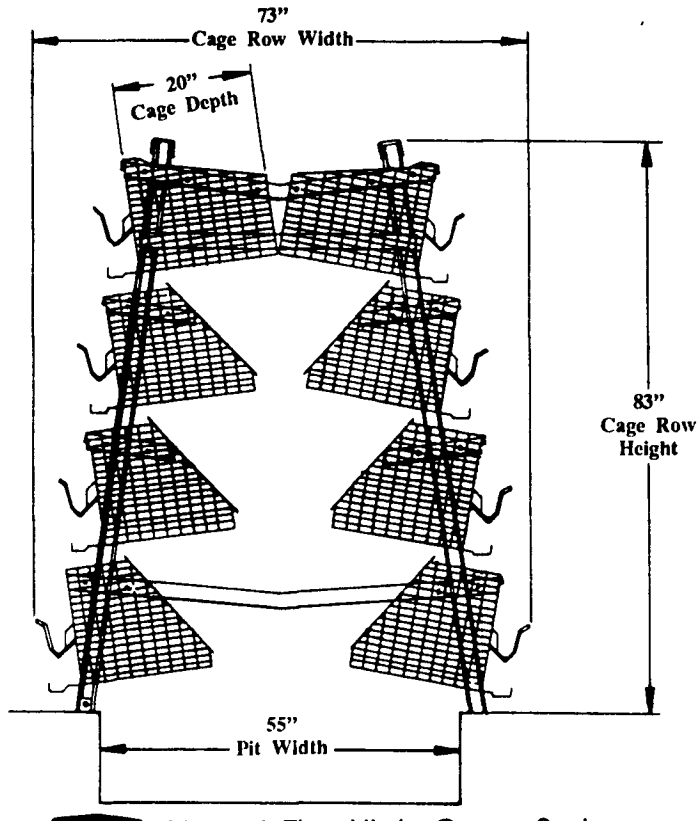

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Soybean Prices Climb

(Continued from Page A23).

protein) is still another alternative. It is apparently less palatable at higher levels than most high-protein ingredients and contains relatively low levels of lysine. Thus it probably should not finish over 55% of the supplemental protein or constitute more than 10-15% of a finished dairy feed.

Animal Protein

Numerous animal or fish protein ingredients also may provide protein, especially rumen by-passable or undegradable protein at costs comparable to or less than soybean protein. These include fish meal (61-72% protein, blood meal (85%), meat and bone meal (50%), feather meal (85% hydrolized) and various blends of these ingredients such as Ren Plus or Mopac.

Due to their high undegradable protein content an intake of only 1 to 1.75 lb. of these for high-producing cows should be considered in most cases. Fish meal with a high fat content (ex. 7.5%) often may depress milk fat test somewhat, particularly at relatively high intakes.

Care should be taken in making changes in protein sources to provide sufficient amounts of rumen degradable protein to maintain normal rumen metabolism and microbial synthesis of protein and other necessary items. Keeping soybean meal or cottonseed meal in the ration at levels equivalent to 10% of the finished dairy feed may help to do this. Urea also may be included in some rations high in rumen by-pass or undegradable protein at levels of .5 to 1.0% for this purpose. The expected rumen bypass or undegradable protein content of the entire ration should range from 35-40% of the total protein present.

If the outlook late this summer is for continued high protein prices, it is strongly recommended that urea or liquid anhydrous ammonia be applied to whole-plant corn silage at ensiling. These NPN sources should be used at levels which bring the crude protein equivalent content of the silage to about 12-13% on a dry matter basis, not at higher levels. This means adding .15 lb. of actual N for each 1% of dry matter present in the silage.

For example at 30% dry matter, add 30x.15 or 4.5 lb. of N per ton of material ensiled. If urea with 45% N were used this would require the additon of 4.5 divided by .45 or 10 lb. or urea per ton. If anhydrous ammonia at 82% were used this would be 4.5 divided by .82 or 5.5 lb. per ton of silage. Preferably corn silage should contain 60 to 70% moisture for the addition of NPN.

Phosphorus

The use of feed grade ammonium phosphate such as monammonium phosphate can provide a unit of phosphorus at a cost about 60% that for sodium phosphate and even less than some calcium-phosphorus ingredients. In addition NPN or crude proteine quivalent is also being provided to help in meeting protein needs.

While ammonium phosphates may contain as much as 62.5 to 105% crude protein equivalent, they are used at such a low level in meeting phosphorus needs that their NPN contribution to the ration is negligible. However they may be furnishing .4 to .8% crude protein equivalent in some finishing feeds. The inclusion of relatively low levels of NPN might improve some rations, especially those containing high levels of rumen by-pass or undegradable protein.

Favorable Small Grain Prices

Often corn prices advance more than those for small grains. Barley and sometimes feed grade wheat may enable considerable savings in feed costs if used properly in ration for dairy cattle. Oats generally are more expensive sources of nutrients than other farm grains. Since small grains contain more protein than corn, less protein supplement is needed in rations using them.

Other waste products such as candy, chocolate, starch, spaghetti, apple pomace without pressing agents, day-old bread or pastry, corn screenings, soybean screening etc. also may be used to keep overall feed costs in line. Feeding is a challenge on today's market. Let's hope that a drouth in our state does not seriously reduce forage supplies and add to the burden. Least-cost formulations and sound ration balancing are available from Dairy Science Extension at Penn State, some county extension offices and from numerous feed industry people and consultants. Now is the time to be making adjustments.

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Junior Dairyman Contest Held

HARRISBURG (Dauphin) — Youth will have its day at the 25th Pennsylvania All-American Dairy Show, Sept. 26-30 at the Farm Show Complex in Harrisburg.

Members of Future Farmers of America, 4-H Clubs and students from private high schools in Pennsylvania and elsewhere will compete Sept. 27 in the Junior Dairyman Contest, a youth activity introduced at last year's All-American show.

"The contest provides an excellent opportunity for young people to gain valuable experience in evaluating the best dairy cattle, making decisions and sharpening their management skills," state Agriculture Secretary Boyd E. Wolff said.

"They also will judge two classes of dairy cattle and identify one class each of retail meat cuts, dairy feeds, forage crops and veterinary equipment," Wolff said.

In addition the group will test the flavor of milk samples, be quizzed on dairy marketing and dairy management, and evaluate U.S. Department of Agriculture summaries of sire information.

The contestants will vie for premiums and ribbons awarded on both an individual and team basis. The winner in each division from each state and the top individual from each state will be recognized.

Obie Snider, president of the Pennsylvania Dairy and Allied Industries Associaiton, a co-sponsor of the All-American, said that the Junior Dairyman event will again be sponsored by Pfizer Agricultural Division, headquartered in New York City.

Pfizer is a worldwide company devoted to research and production of health-care items, agriculture specialty chemicals and consumer products. The company reported sales of over $4.9 billion in 1987.

The All-American, ranked as the top dairy show in the East, is sponsored by the Dairy and Allied Industries Association, the Pennsylvania Department of Agriculture and the Pennsylvania Farm Show Commission.

Additional information and entry blanks for the Junior Dairymen's Contest is available by contacting Charles Itle, manager, Pennsylvania All-American Dairy Show, Farm Show Complex, 2301 N. Cameron St., Harrisburg 17110-9408, or by calling (717) 787-2905.

Maternal Genes And Milk Production

Milk production in dairy cattle is affected by both genetic and environmental factors. The environmental factors include nutrition, health, climate and many other factors influenced by management. Until recently, the genetic influence on productivity was assumed to exist only in the cell nucleus of genes that are passed on to the cow's offspring.

Researchers now know that dairy cow non-nuclear genes may also significantly influence milk production. These genes are contained in the mitochondria, or energy-producing part of the cell, and are passed only from the female to her offspring.

"Because these genes consist of deoxyribonucleic acids (DNA) and are found in the mitochondria, they are called mitochondrial DNA or mtDNA," explains University of Delaware Extension dairy specialist Dr. George F.W. Haenlein. To isolate mtDNA in the past, it was necessary to surgically remove large amounts of liver tissue, but a simpler way has now been developed to isolate mtDNA from blood. Once isolated, this DNA can be cloned in bacterial cells to generate millions of copies. The copied DNA can then be analyzed to determine the sequence of nucleotides, or chemical subunits, that make up the genetics code of all DNA.

"It has been found that many differences exist among dairy cows' mtDNA," Haenlein says. "Because mtDNA is passed only from dam to offspring, it may be a reliable tracer of the maternal heritage of all dairy cow breeds. Further, in the future it may be possible to use mtDNA makeup to help confirm the maternal parentage of calves resulting from embryo transfers."

The next step, already in progress, is to determine if mtDNA differences can be associated with milk production levels.

The plan," says Haenlein, "is to eliminate known environmental and nuclear genetic effects on milk production records. If factors like year, breeding season and sire are accounted for, the mtDNA differences can be compared with adjusted milk production records. Then, if a strong relationship is found to exist between economic production traits and mtDNA, this research could have several practical applications."

First, cows with superior mtDNA could be selected for use as embryo sources for transfer to other cows.

Production records of bull dams could also be adjusted to take into account superior mtDNA passed to a bull calf, but which he, in turn, could not pass on to his artifically inseminated (AI) progeny.

Finally, Haenlein says, if transfer of nuclei among embryos becomes accepted commercially, mtDNA information could be used for selecting optimal host embryos to receive the transferred nuclei.

"Although in the early stages of development, scientists foresee important applications for this research, as well as greater understanding of the way milk is synthesized within the cow's udder, for greater profit on the farm.

Howes Wins LVNB Essay Contest

LEBANON — Lebanon Valley National Bank is proud to announce the winner of their essay contest held in May. Ten year old, Justin Howes of Elizabethtown, PA is the owner of the prized registered Holstein heifer. The heifer was purchased by LVNB at the "Spring Promise Accent on Youth Sale" held at the Lebanon Area Fairgrounds on April 19, 1988. The bank then held an essay contest to all area 4-H and Vo-Ag students.

Young Justin, son of Jay and Sue Howes wrote "On April 10, my 4-H yearling died, that is the main reason I would like the heifer offered by the Lebanon Valley National Bank." Entering his second year in the 4-H, Justin will be showing his Musser Frandale Fran Pinto, whose sire is Crescent Meade Pinto at the Lancaster County Holstein Show and the Elizabethtown Fair coming up in August.

Lebanon Valley National Bank would like to thank all the contestants who entered the contest and wished that everyone could win since all the essays submitted were outstanding, but there could only be one winner.

Justin Howes receives Holstein heifer as winner of Lebanon Valley National Bank's essay contest.

Fighting Drought

NEWARK, DE — University of Delaware Extension garden agent Dave Tatnall provides several pointers on how to prevent a parched vegetable garden this summer.

Mulch is most important in discouraging weeds and conserving soil moisture, the agent says. Good mulching materials include dried grass clippings, clean straw, compost and "landscape fabric."

"Gardeners should continually strive to build up the organic matter in their garden soil," Tatnall says. "This will increase the capacity of the soil to absorb and hold moisture."

Use a soaker hose whenever possible to keep water loss at a minimum. Shallow cultivation will also save moisture, but take care to avoid injuring crop roots. "Garden rows should be spaced so that when the crops are fully grown, only a little soil remains exposed to the drying sun," Tatnall says.

Tatnall also advises vegetable gardeners to avoid crops that require a large amount of space and lots of water. "These include sweet corn, melons and some winter squashes," he says.

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Avoid Accidental Drownings In Farm Ponds

ALLENTOWN (Lehigh) — Farm ponds, lagoons and water wells are popular on Pennsylvania farms but all have contributed to accidental drownings. Most victims range in age from toddlers to young adults, and do not reside on the property or site.

Dennis Murphy, Penn State Agricultural Engineer, says children, under the age of four, are the most numerous victims of pond drownings. Some get too close to the water s edge and lose their balance in the soft earth. Others wade in shallow water and fall into deeper holes. No one knows what happens in other cases. However, lack of close supervision, underestimating a child's curiosity, and adults overestimating a child's sense of judgment, all contribute to pond drownings.

When a child verbally acknowledges a warning or caution, it does not mean that he/she understands the hazard or risk, or will behave appropriately. The short attention span of a child, plus the attractiveness of the water as a play area, render most verbal instructions ineffective. An adult supervisor should never lose eye contact with a child playing near a pond or lagoon. Teaching a child to swim at the earliest possible age helps eliminate this problem.

Adults, too, drown in farm ponds. Data indicate accidents occur when people use these areas for recreational swimming. Most victims were in their late teens or early 20's and visitors to the area. Sharp drop-offs on the pond floor and leg cramps cause even experienced swimmers to experience problems. Multiple drownings have occurred when one person tried to rescue another.

There are other dangers. Some ponds may be contaminated by fertilizer and pesticide runoff, livestock waste or other pollutants. If water is cloudy, has a foul odor, or is littered with algae, it should not be used for swimming, due to possible infectious agents. Ponds used for swimming should be analyzed every spring by a qualified water testing laboratory. Other dangers lurk beneath a farm pond's surface. Jagged rocks, broken bottles, animal bones, and other miscellaneous junk are common in farm ponds.

Murphy recommends that all ponds (and lagoons) be fenced and posted to keep uninvited persons out. Non-pested, non-fenced ponds increase the risk of a court suit if uninvited swimmers drown. Restrict entrance to your pond. This will help keep out uninvited guests.

To make your farm pond safe for swimming, try to eliminate all physical hazards. This may mean grading a bank for easy entrance, dragging shallow areas for dangerous objects, marking drop-offs, or roping off unsafe areas. Use depth markers and signs so everyone can see how deep the pond is at different spots.

Every farm pond used for swimming should have a rescue post. It should be placed firmly in the ground near the water and painted yellow. Obtain a nylon rope long enough to reach across the pond. Attach one end of the rope to a life ring, the other end to a wood block and hang all these on the post. A one gallon, plastic milk jug containing one pint of water could also serve as your buoy. A thin 12 to 14 foot pole should also be kept at the rescue post as an aid in helping someone out. Finally, the location of the nearest telephone and emergency numbers should be painted on a sign and attached to the post.

One person should never swim alone, even if he/she is an expert swimmer. Those who swim in farm ponds should also be familiar with drown-proofing and artificial respiration techniques. These are taught by the American Red Cross and other swimming instruction programs.

Other drownings are caused by falling into wells, particularly those no longer in use. Most wells, when abandoned, were closed by planks or other covering devices. But planks rot over the years, and covers are removed for a variety of reasons. Sometimes older children or pranksters will open up wells, not realizing the seriousness of their actions. Old wells should have solid covers which can't be easily removed; they should be checked regularly. It might be possible to fence off the well area to keep children away. Better yet, fill in old wells to completely remove the hazard.

Penn State Field Day

UNIVERSITY PARK (Centre) — Grass and legume mixtures are often preferable to pure stands of either, but choosing the best time for hay harvest is difficult because no two species in a given field mature at the same time. So the quality of first-cutting mixed hay is often is poorer than what could be achieved if grass and legumes were grown and harvested separately. Orchardgrass/alfalfa mixtures are a common example of differing maturation times. Usually, the orchardgrass is too mature for optimum quality when the alfalfa is ready to harvest.

Managing grass growth and quality in grass/legume mixtures through chemical growth regulators will be one topic of discussion at Penn State's Agronomy Field Day, June 22 at the Rock Springs Agricultural Research Center.

The field day, which will include exhibits and tours, will begin at 9:30 a.m. and continue until 4 p.m.

For the past several years, Penn State agronomists have been investigating the potential of plant growth regulators to selectively control grass growth and nutritive value in mixtures with alfalfa and birdsfoot trefoil. They will be on hand during the field day to discuss results of their research.

The Rock Springs Agricultural Research Center is located on Route 45, nine miles southwest of State College. Lunch will be available at the field day. For more information contact Penn State agronomist Lynn Hoffman at (814) 692-7955.

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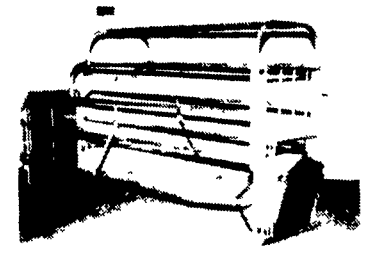
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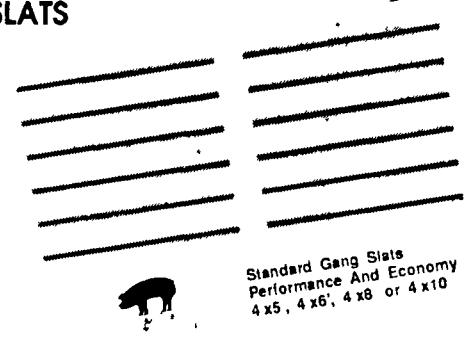
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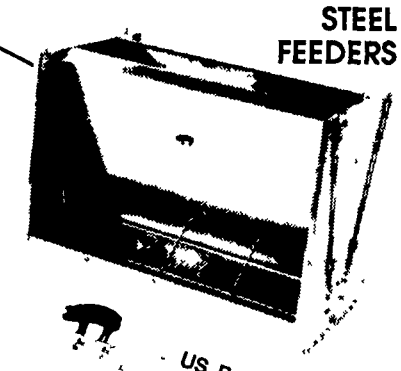
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Research Shows Somatotropin Has No Effect On Dairy Cow Reproduction

UNIVERSITY PARK (Centre) — Treating dairy cows with bovine somatotropin, the hormone that increases milk production, has no negative effect on the cow's ability to reproduce, Penn State College of Agriculture researchers have found.

As the agricultural community debates the pros and cons of somatotropin, or growth hormone, one concern that surfaced was its potential effect on reproduction. The financial benefits of increased milk production would be more than cancelled out if the somatotropin interfered with reproduction, since cows must be bred regularly to continue giving milk. Somatotropin is not yet licensed for use by dairy farmers, but is being used in research trials.

The Penn State researchers treated dairy cows with somatotropin, then looked at the complex biochemical and hormonal factors that regulate reproduction. The somatotropin had no negative effects on these factors, and the breeding performance of the treated cows was as good as that of the untreated cows in the study.

"These hormonal factors are more sensitive indicators of a potential problem than simply looking at pregnancy rates when low numbers of cows are used in the study," says Daniel Deaver, assistant professor of dairy and animal science, who conducted the reproduction study with graduate student Shelia Schemm.

"There is no indication that somatotropin adversely affects any aspect of ovarian function," Deaver says.

"In fact, treating cows with somatotropin actually increased the concentration of one reproductive hormone, progesterone, by more than 25 percent," he says. "Other research has found that cows with higher concentrations of progesterone in the early stages after giving birth have a greater chance of becoming pregnant early in their lactation. So somatotropin may even prove to have a positive effect on reproduction."

They also found that the treated cows had slightly more frequent releases of luteinizing hormone, which is secreted in a rhythmic fashion to stimulate the first phase of ovulation. Deaver says the increase does not interfere with the reproductive cycle.

"We believe that, when it comes to the increases in progesterone and luteinizing hormone, somatotropin is directly affecting the reproductive system independent of its effects on milk production," Deaver says.

All 32 cows used in this trial were going through normal reproductive cycles and had no obvious reproductive problems when the treatments began. Half of the cows were treated with somatotropin, while the other half were given placebos. In each group, eight cows began treatment 35 days after giving birth and eight began 70 days afterward.

Deaver says that 14 of the 16 untreated cows became pregnant by the end of the study, requiring an average of 2.3 artificial insemination services to conceive. Of the 16 treated cows, 13 became pregnant, requiring an average of 2.1 services. However, hundreds of cows would be needed for a study based on actual pregnancies, since pregnancy rates are affected by many factors including management and nutrition.

The cows treated with somatotropin were slower to gain weight and improve body condition after giving birth than the untreated cows were, according to Larry Muller, professor of dairy science, who looked at milk production and management factors in the study. The cows that were treated beginning at 35 days after giving birth were the slowest to regain weight and body condition. "The cow will need to put on that weight again before her next lactation," Muller says.

The treated cows produced 11 to 12 percent more milk, measured as 4 percent fat corrected milk, and their milk fat and protein yields were higher. The cows treated beginning at day 70 after birth increased their feed intake by 6 percent, while those treated at 35 days increased feed intake by only 2 percent. Those treated 35 days postpartum were more efficient, producing 14 percent more milk per amount of feed than the untreated cows. There were no differences in mastitis and milk quality between treated and untreated cows.

The research was funded by the Upjohn Co., Agway, Inc.; Ralston Purina; the Pennsylvania Department of Agriculture and the Penn State College of Agriculture's Office for Research.

Milk Promoted At York Agway

For the third consecutive year, York Agway Farm Center has honored area dairymen by giving away free milk through the month of June. As an extra bonus, the newly crowned York Dairy Princess was on hand to participate in the event. Pictured are Sue Eisenhart, York Dairy Princess, and Dennis McCleary, farm serviceman.

The York Dairy Princess Alternate was Linda Saylor (not pictured).

Cheese By-Product Prove Valuable

Every 100 pounds of milk produces 10 pounds of cheese and 90 pounds of whey. Once considered an undesirable by-product of the cheesemaking process, whey contains nearly 93 percent water, but the other 7 percent is made up mostly of proteins and lactose. "Fortunately," says George F.W. Haenlein, University of Delaware Extension dairy specialsit, "procedures not exist for removing these components."

The proteins not used in cheese manufacturing are among the most nurtitious available, Haenlein says. When filtered out and concentrated or dried, they are used as ingredients in the manufacture of other foods. Soups, frozen desserts, non-dairy creamers, candies, processed meats and bakery foods all commonly contain whey proteins.

Another whey component, lactose, is a naturally occurring milk sugar that can be separated out, concentrated and dried. Not as sweet as table sugar, lactose is used as a sweetening agent in the food industry and as a coating for medicines. Dairy products, prepared dry mixes, infant foods and special dietary foods frequently include lactose.

Whey is also used to increase the nutritional content of livestock and pet foods.

"Considerable research is going on to determine other uses for this valuable cheese by-product," Henlein says. "Research at Iowa State University has shown that under specific conditions a certain type of yeast will grow in cheese and will produce oil."

Other studies show that cheese whey can be used for fermentation in the brewing industry. Whey fermentation also has potential for the production of fuel alcohol.

"Cheese consumption continues to increase each year, so this means more and more whey is available for food and non-food uses," the dairy specialist says.

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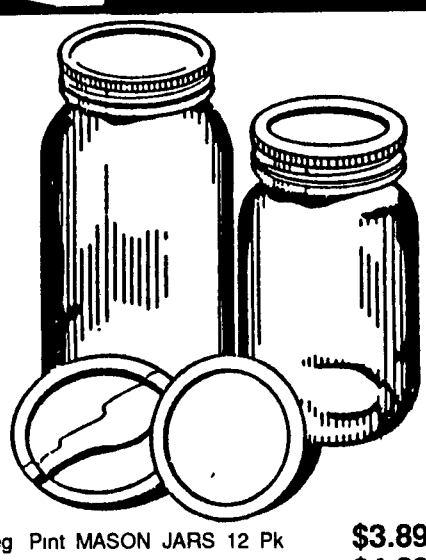

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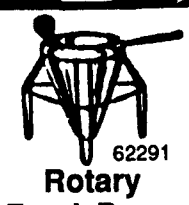

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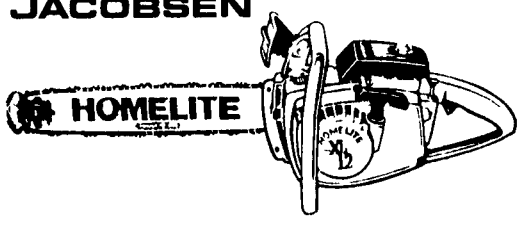

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Southeast Regional Livestock Judging Contest Winners Named

(Continued from Page A1)

division. Weaver commented that in previous competitions his sister, Emily Weaver, always outscored him. Now that she is no longer competing, because she works as a summer intern at the county extension office, Weaver topped the competion in beef judging, oral reasoning and overall judging. The Ephrata High School senior is the son of Mr. and Mrs. F. Ray Weaver.

Weaver and his livestock judging team took first place in the senior division. Teammates were Arlissa Snavely, Woolies Club; and Dwayne Livengood, Red Rose Beef Club.

According to Chet Hughes, county extension livestock agent, the competition prepares the contestants for the Penn State competition to be held on July 25 to 28. Hughes and Duff George, Shippensburg coach, originated the contest in 1986 when Duff served as a summer intern under Hughes. On a rotating basis, three counties, Lebanon, Lancaster, and Chester host the competition that includes 12 to 15 southeast counties. This year, Emily Weaver, summer intern, organized the southeast competition event.

The contestants judged six classes of livestock and then defended their placements with oral reasoning. Scores are based on a total of 450 points. Hughes said, "Kids with experience usually win, but sometimes a kid will suprise you. They may not do well in a previous competition, but then top the next one, because they're having a good day and their thinking is sharp."

Officials for the competition were Bob Hess, beef official; Duff George, swine official; and Gary Diem, sheep official.

Those who provided the livestock for judging include the following: Arlissa Snavely, Shropshire ewes; Jason Stoltzfus, market lambs; Salunga Acres, Polled Hereford heiffers; Larry Weaver of New Holland, hogs; Fred Weaver, steers.

Overall Individual Standings, Senior Div.
1 Fred Weaver, 2 Arlissa Snavely, 3 Dwayne Livnegood.

Overall Individual Standings, Junior Div.
1. Jennifer Miller, 2 Suzanne Bishard, 3. Eric Burkheimer.

Overall Team Standings, Senior Div.
1 Lancaster County, 2. York County, 3 Lebanon County

Overall Team Standings, Junior Div.
1 Cumerland County, 2 Berks County, 3 Lebanon County.

Beef Judging, Senior Div.
1 Daryl Bomgardner, 2. Fred Weaver, 3 Dwayne Livengood

Beef Judging, Junior Div.
1 Jennifer Miller, 2 Casey High, 3 Nicki High

Sheep Judging, Senior Div.
1. Sanja Shearer, 2 Gerg Harnish, 3. Arlissa Snavely

Sheep Judging, Junior Div.
1 Jennifer Miller, 2 Suzanne Bishard, 3 Diane Myers.

Swine Judging, Senior Div.
1. Arlissa Snavely, 2 Dwayne Livengood, 3 Amy Dutney.

Swine Judging, Junior Div.
1 Amy Jones, 2 Wendy Atkins, 3 Suzanne Bishard

Reasons, Senior Div.
1 Fred Weaver, 2 Cathy Shive, 3 Arlissa Snavely

High Senior Team Beef
Lancaster County
High Junior Team Beef
Cumberland County
High Senior Team Sheep
York County
High Junior Team Sheep
Lebanon County
High Senior Team Swine
Lancaster County
High Junior Team Swine
Cumberland County

High overall individual scorers at the Southeast Regional 4-H Livestock Judging Contest were Fred Weaver, senior division, and Jennifer Miller, junior division.

Cumberland County, the top team in the junior division of the Southeast Regional 4-H Livestock Judging Contest, swept six out of the top ten placings in the competition. Back row, from left: Duff George, Shippensburg coach; Eric Berkheimer, Mechanicsburg; Diane Conaway, Newville coach. Kneeling from left: Diane Myers, Boiling Springs and Jennifer Miller, top individual scorer from Newville.

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FARMER OWNED

NC+ HYBRIDS

NC+ Hybrids is a farmer owned seed production-marketing organization headquartered in Lincoln, Nebraska. The organization is owned entirely by Iowa, Nebraska and Kansas farmer seed growers. These grower owners produce a high percentage of the total NC+ seed marketed each year. Seed commodities include hybrid corn, hybrid grain sorghum, hybrid forage sorghums, sorghum sudangrass, soybeans and alfalfa.

WE BEGAN IN 1958

That year, a group of farmers who had been growing hybrid seed for many years joined together to incorporate and form NC+ Hybrids. They had the experience and expertise to produce a high quality seed product. Yet, they were in effect competing with each other at the market place. Motivated by the idea that collectively marketing their product would be more efficient, NC+ Hybrids was incorporated in 1958. Many of the original members have sons who continue or are assuming the family tradition of growing seed.

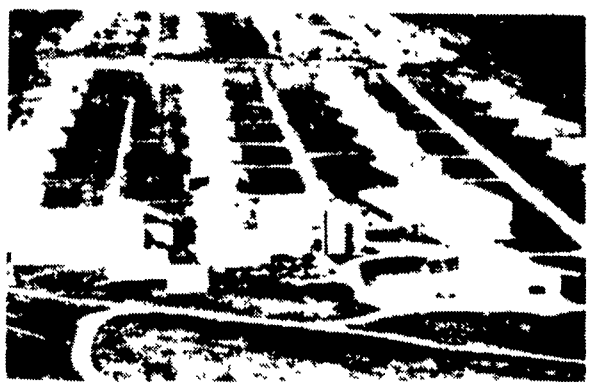
OUR NAME

Although the official name of our company is NC+ Hybrids, we are often referred to as NC+ for short. And we are often asked what our name represents.

Originally, the letters NC denoted seed grown in and predominantly for the North Central States. However, since growth has moved our production and marketing areas far beyond the North Central States, this interpretation may be less significant. In contast, the plus sign in our name is even more significant today. It represents the extra precautions, safeguards and quality control procedures utililzed to assure our customers we are marketing a high quality seed product. These procedures have and continue to be modified and improved as new technology becomes available. In summary we continue to use NC+ Hybrids as our official company name, while NC+ is the brand name for our products.

MAJOR GROWTH

In the 1960's a period of intense growth began and has continued through the present time. In response to the wide acceptance and demand for NC+ corn and sorghum hybrids, this expansion included facilities, personnel, geographical sales area, seed research and market support programs.



A major transaction in 1967 involved the purchase of 180 acres and 32 concrete buildings formerly part of the Hastings, Nebraska Naval Ammunition Depot. Approximately half of all NC+ employees now office and work at this location. It serves as headquarters for NC+ research, seed conditioning and distribution. We have over 7 acres of warehouse space that provides storage capacity for well over one million bags of conditioned seed. Additions include two research greenhouses, a seed conditioning plant, bulk seed storage bins, a distribution center and modern ear corn seed drying equipment. Recently several NC+ grower members installed similar ear corn drying and sorting facilities on their farms which added to the organizations overall seed harvest capacity.

Acquisitions of other regional seed companies have also been a part of NC+ growth. The first, Winterset Hybrids at Winterset, Iowa was purchased in 1981. An acquisition-merger brought YW Hybrids at Grand Junction, Iowa into the NC+ organization in 1983. A regional distribution and sales office is now located at Grand Junction to serve NC+ sales agents in this area. The YW acquisition-merger brought several Pennsylvania sales agents into the NC+ group. They and the growing number of newer agents are served by a regional warehouse at Elizabethtown, Pa., and a regional sales office located at Manheim, Pa.

NC+ RESEARCH

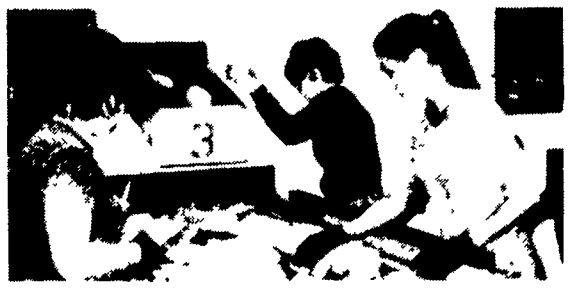
The development of new hybrids and new lines receives top priority. The basic research in their development is done at the Hastings Research Center where approximately 120 acres of irrigated land is devoted to nurseries, test and demonstration plot plantings. A winter nursery for corn is located in Hawaii and a winter sorghum nursery in Puerto Rico. Thousands of new hybrids are tested each year in search of superior yield and performance traits. Each hybrid or variety is thoroughly tested in its adapted area to assure environmental compatibility prior to its release.

NC+ SEED PRODUCTION

NC+ corn and soybean seed is produced primarily by NC+ grower members in Nebraska and Iowa. Grower Members in Kansas produce a high percentage of the NC+ forage sorghums and sorghum sudangrass hybrids. NC+ grain sorghum seed is grown primarily in the High Plains of Texas where climate and isolation factors favor the betterment of purity and overall seed quality.

We know that seed quality is determined to a large extent in the seed production field. Throughout the growing season, and especially at pollination time, these fields are monitored closely by NC+ production personnel to assist growers in meeting the high standards set for NC+ seed production.

NC+ QUALITY CONTROL



This important aspect of the seed business receives our highest priority. Strongly emphasized in production, conditioning and in our marketing programs, we have established and continue to maintain a reputation for high quality. Following seed harvest warm germination tests are conducted in both the Nebraska Crop Improvement Association and NC+ Quality Control Seed Laboratories. Cold tests are conducted in the NC+ laboratory to evaluate seed vigor. Purity tests, known as "growouts" are planted in October in Hawaii, Mexico and Puerto Rico. Visual observations are made during the winter months to determine the purity of each hybrid seed lot. Any that do not meet germination specifications are not marketed as NC+ seed.

NC+ SALES

The actual sales of NC+ seed is made by a local sales agent. They promote the sale of NC+ products by sponsoring plot tours, customer meetings and local media advertising. They work under the direction of company employed district sales managers.

NC+ district sales managers are assigned a geographical sales area. Within this area, they are responsible for contracting an NC+ sales agent force and providing them with product education and assistance.

The NC+ Hybrids marketing area extends from New Jersey to the West Coast, and from Minnesota to Texas. Altogether, NC+ seed is sold in thirty-one states.

INNOVATIVE COMPUTERS

This is the most recently formed department in the NC+ organization. This department markets small to intermediate sized computers, programs and related services to farmers and small businesses.

Developing programs and incorporating them into the NC+ Computer systems is also a responsibility of this department. These programs pertain to NC+ accounting, inventory control, research and seed conditioning.

NC+ HYBRIDS A PERSONAL COMMITMENT FROM A TEAM OF PROFESSIONAL SEEDSMEN

A company's products are no better than the people associated with them. And in a highly competitive industry, a successful seed company requires quality people. Experienced seed growers, a dedicated, informed sales organization and a professional staff from a variety of disciplines... plant breeding... production agriculture...computer technology... marketing, all work together in a team effort.

Today, NC+ Hybrids is recognized as a strong, progressive, successful seed company. Yet the challenge for each team member continues. To us, personal accountability is still important. Enhanced by the tradition of being a farmer owned seed company, our objective continues to be that of developing, producing and marketing high quality seed — the kind that is profitable for American Farmers.

1988 District Dairy Shows

DATE	TIME	PLACE	SHOW	CHAIRMAN
August 20	9 00 AM	Troy Fairgrounds	Northeast	Edward Pruss Wayne Co Ext Office Courthouse Honesdale 18431
August 26	10 00 AM	Kutztown Fairgrounds	Southeast	Dave Swartz 235 W Market St West Chester 19382
August 29	9 00 AM	Farm Show Complex Harrisburg	South Central	Phil Wagner 191 Franklin Fms Lane Chambersburg 17201
Sept 2	9 00 AM	Beaver Springs Fairgrounds	Central	Bob Hockenbrock Box 147 Mifflintown 17059
Sept 3	9 00 AM	Bedford Fairgrounds	Southwest	Sue Fox P O Box 654 Bedford 15522
Sept 3	9 30 AM	Fayette County Fairgrounds	Mon Valley	Gary Sheppard P O. Box 250 Greensburg 15601
Sept 3	9 15 AM	Crawford Co. Fairgrounds	Northwest	Ed Smith 100 Wise Road Jamestown 16134
PENNSYLVANIA JUNIOR DAIRY SHOW				
Sept 26	8 00 AM	Farm Show Complex Harrisburg		Jake Guffey 701 S 4th St Towanda 18848

Anderson Named Dairy Agent

BUTLER — Philip R. Anderson of State College, Pa. has been named Extension Dairy Agent in Butler, Beaver and Lawrence Counties according to Dr. Homer Mazer, Extension Director for the Western Region of Penn State's Cooperative Extension.

Anderson, a 1988 graduate of Pennsylvania State University, holds a B.S. Degree in Dairy Production. While at Penn State Phil was a member of the Dairy Science Club and President of the Penn State Rifle Club. He served as a Research Aide to Dr. A. Jud Heinrichs in studies concerning the nutritional needs of dairy replacement stock.

Mr. Anderson brings an expanded program of dairy management technology to the three counties including: computerized nutritional systems, barn ventilation design and analysis, a milking systems review, and basic dairy farm financial management methods.

Phil is currently conducting a dairy farm bio security survey for Penn State and he expects to launch a Thirty Month Replacement Stock study in early September. His first Tri-County Dairy Newsletter will soon be in the hands of farmers throughout the area he serves.

Dr. Mazer points out that Phil's assignment is to add to and complement the activities of other Extension Agents currently conducting educational programs for dairymen in the three counties where he is to be working. Dr. Mazer also advises that Anderson will not be expected to take charge of the 4-H Dairy Clubs, but will instead serve them as a program resource person.

Mr. Anderson is the son of Paul and Barbara Anderson of State College, Pa. and his grandfather was a lifelong dairyman in Penn Township of Butler County.

The new agent can be reached at his office in the Lawrence County Agricultural Center, Courthouse, New Castle, Pa. 16101, telephone 412-654-8370. Requests for his assistance can also be arranged through either the Beaver or Butler County Extension offices.

Philip R. Anderson

Milk Production

HARRISBURG (Dauphin) — Milk production in Pennsylvania during May was 906 million pounds, down 1 percent from May of 1987, according to the Pennsylvania Agricultural Statistics Service.

The number of milk cows in the state during the month averaged 713,000 head, up 1,000 from April but 5,000 less than May 1987. Production per cow averaged 1,270 pounds, 80 pounds more than April but unchanged from May a year ago.

In the 21 states surveyed, May milk production totaled 11.0 billion pounds, 1 percent more than May 1987. The number of milk cows in those states averaged 8.63 million head, 70,000 less than May 1987. Production per cow average 1,280 pounds, 51 pounds more than April and 21 pounds more than the previous May.

During the January-March period, the 21 selected states produced 84.7 percent of U.S. production.

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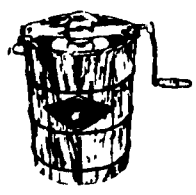

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Somerset Co. Jackpot Show Set

BY BETH GRAY
Bedford Co. Correspondent

MEYERSDALE — The exhibitor of the grand champion steer in the Somerset County Open Jackpot Show here July 10 will take home a trophy and $500. A cash award of $150 plus a trophy will go to the exhibitor of the reserve grand champion.

The event at 1 p.m. at the county fairgrounds is open to all 4-H Club members and Future Farmers of America, regardless of where they live.

Randall Updike, assistant supervisor of the Virginia State Bureau of Livestock Markets, Warrenton, will evaluate the steers that will be classed according to hip height. Also, special classes will be offered for calves purchased at last fall's Somerset County Roof Garden Fall Classic Sale.

Entries postmarked by July 1 will require an entry fee of $15; those received later will be assessed $20. Entry forms are available from John Maust, RD 2 Somerset, PA 15501, 814/445-4961, or Butch Mostoller, RD 2 Boswell, PA 15531, 814/629-5095. Maust is president and Mostoller, secretary, of the Somerset County Beef Producers Association, sponsor of the show.

Class awards have been set at $50 for first place, $20, second; $15, third; $10, fourth, and $5, fifth. Each class winner also will receive a trophy. All trophies are being donated by American Mining Company of Rockwood RD 3, owned by Ronald and Linda Schmuck.

In past years, some 80 to 90 calves have competed in the Jackpot Show.

New York Holds Seminar

SYRACUSE, N.Y. — Newly crowned dairy princesses, maids and ambassadors from across New York State will gather together on SUNY Morrisville's campus July 6-8 for the annual dairy training seminar. While at the seminar, the participants will learn about local and national dairy promotions, as well as take part in numerous workshops. The seminar is sponsored by the American Dairy Association and Dairy Council, Inc. (ADADC).

Representatives from ADADC, as well as communication and nutrition specialists, will serve as instructors. Workshops involving writing news articles, making public service announcements, and nutrition resources have all been planned.

For the first time, a workshop on time management will be included on the agenda. The seminar participants will be briefed on ways in which to manage resources, materials and their time. How to set priorities and recognize "time" wasters will also be discussed.

The importance of supermarket appearances will also be stressed through a dairy case seminar. Those attending will learn how to address supermarket shoppers and promote dairy products through in-store demonstrations.

The seminar precedes the New York State Dairy Princess Pageant to be held on SUNY Cortland's campus on August 19. One county princess will be chosen as the New York State Dairy Princess for 1988-89.

The ADADC is a dairy promotion organization representing 20,000 dairy producers from New York, New Jersey and Pennsylvania.

Kay Leiby Crowned At Schuylkill Luncheon

Kay Leiby showed the audience her dairy knowledge expertise when she answered dairy trivia questions.

SCHUYLKILL HAVEN (Schuylkill) — Schuylkill County held their coronation luncheon on Sunday, June 26, at the local Dusselfink Restaurant.

Kay Leiby, Lewistown Valley, was crowned the county dairy princess by former princess Machelle Moyer. Kay, daughter of Bertrum and June Leiby of Lewistown Valley, presented a skit on the Dairy Fairy who is a good friend of the tooth fairy.

For the coronation, Carl Brown served as Master of Ceremonies. Phoebe Bitler, chairperson for the Berks County Dairy Princess Pageant, quizzed the audience and the new princess on their knowledge of diary trivia. Patricia Curtis provided musical entertainment.

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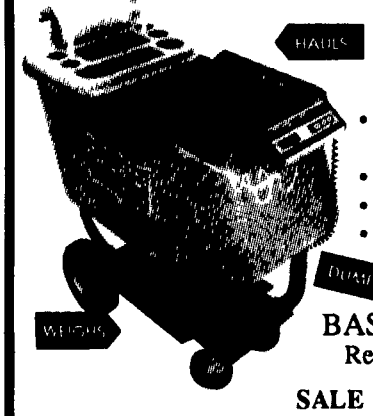

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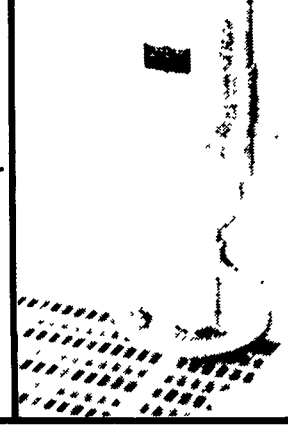

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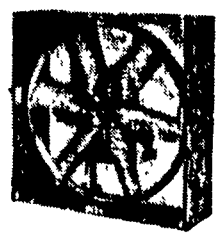

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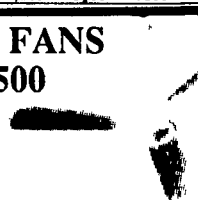

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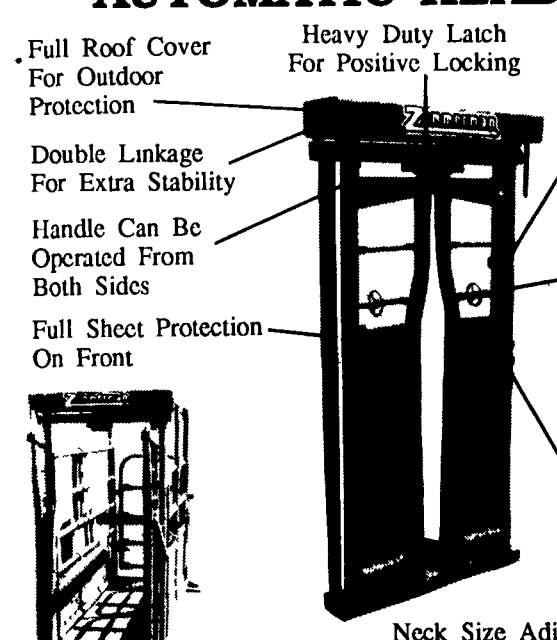
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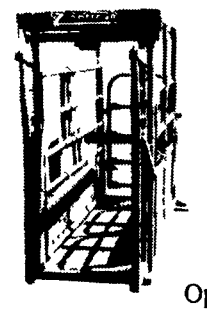

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Keep It Simple; Be Creative

Taking The Heat Off The Dairy Cow

BY PAT PURCELL

LITITZ (Lancaster) — With temperatures hitting three figures in the month of June the question many people are asking is 'What are July and August going to be like?'

High temperatures and the high humidity create extremely uncomfortable conditions for those hard working girls of the dairy industry: the milking herd. Hot summer days create conditions which go beyond uncomfortable to health threatening. As the herd averages climb each year, farmers are taking the happiness and well-being of their high producers more seriously.

When the mercury passes the 80-degree mark dairy farmers begin to notice some changes. Dr. Dennis Buffington, Head of the Agricultural Engineering Department at Penn State, spent nearly 14 years at the University of Florida, and finds the Pennsylvania summer climate conditions similar to those in Florida.

"Farmers will notice the declines in production when the heat increases. The cows eat less and give less milk," said Buffington. "The farmer may not notice the cows eating less right away, but he will notice it in his milk check. The longer term effect will show in breeding efficiency and cows will be harder to breed than normal."

Oppressive heat takes its toll particularly on the higher producing cows. According to Buffington, the higher the production, the greater the drop.

"If the rolling herd average is 25,000, the cows are far more susceptible to a dropoff in production due to heat stress. The better the cows, the greater the loss. These high producing cows need to be comfortable," said Buffington.

But while the redline on the thermometer rises, there is no reason for the farmer to panic. Often alleviating heat stress can be done economically and quickly with a few simple changes.

"Do the most effective things first. Shade goes a long way. said Buffington. "Provide shade and put feed and water under the shade also. It is not the heat that causes the cow to decrease milk production. It is the heat that causes the cow to go off feed. "

Dr. Robert E. Graves, of the Agricultural Engineering Dept., of Penn State University, suggests opening up a barn and letting Mother Nature take her course.

"In Lancaster County and the surrounding areas it should be enough just to open up the barn and let Mother Nature's breezes flow through. A free stall barn will provide shade from the sun,"said Graves. "If using fans, make sure you have an adequate number. Air must move at the velocity to move the air 2 to 5 miles."

Too often farmers jump into big expenses such as fans, but purchasing the fans is just the tip of the iceberg of related expenses. The bill gets bigger as the costs of daily operation, maintenance and electricity are totaled. Not that fans are not useful. However, some less-costly adjustments may be sufficient.

Clyde Myer, Berks County Agent, urges farmers to use a little creativity and a carpenter to create new air inlets, open doors and windows which have been stuck for years or to remove a sidewall and replace it with curtains. The air inlets may have the same effect as the fans without the monthly slice off farm profit going to the power company.

"Farmers are reluctant to put in the time and energy to open up a barn," said Myer. "Farmers buy a bunch of fans and still don't have the proper ventilation. They don't take the time to figure out they should just hire a carpenter open up a sidewall. No, they'd rather write a check to the power company."

Ventilation will be the subject of two barn meetings to be held:
——Wednesday, July 13, 7:30 p.m. at the Lapp Valley Farm, New Holland. The farm is located on Metzler Road, about 0.5 mile north of Peters Road and three miles south of New Holland.
——Thursday, July 14, 7:30 p.m. at Oregon Dairy, Oregon. The farm is located on Route 272 at the Oregon Pike exit of Route 222, north of Lancaster.

Myer uses a fogger to smoke a barn so the air current can actually be seen in the patterns of the smoke. Fans, if used, should be aimed at the cows' heads and at frequent intervals so all cows benefit. . The hottest and the most moist air in the barn comes from the cow's lungs. Myer noticed in some barns fans were set so far apart that two or three cows in a group were not receiving any air from the fans. He recommends placing fans every five animals depending upon the size of the fan.

Sprinklers

Evaporative cooling, using sprinklers to wet the cow and fans to dry her, is the most effective way to cool down a cow. But some farmers fear the spread of mastitis from wet bedding and water dripping from udders, but this scenario can be avoided with correct nozzle adjustments.

Graves emphasizes that getting the cow wet is not enough to cool her. Fans are a must because it is the evaporating moisture that creates the cooling effect. Also, too much water, warns Graves, can build an insulating layer which can actually trap heat in the cow's body. To effectively cool dairy cattle it is important to get that hide wet and to penetrate that hair layer. Also, caution should be exercised not to create a mist in a hot barn, but to have the nozzles set to sprinkle the water. In a hot barn a mist may create a sauna effect and not lead to cooling at all.

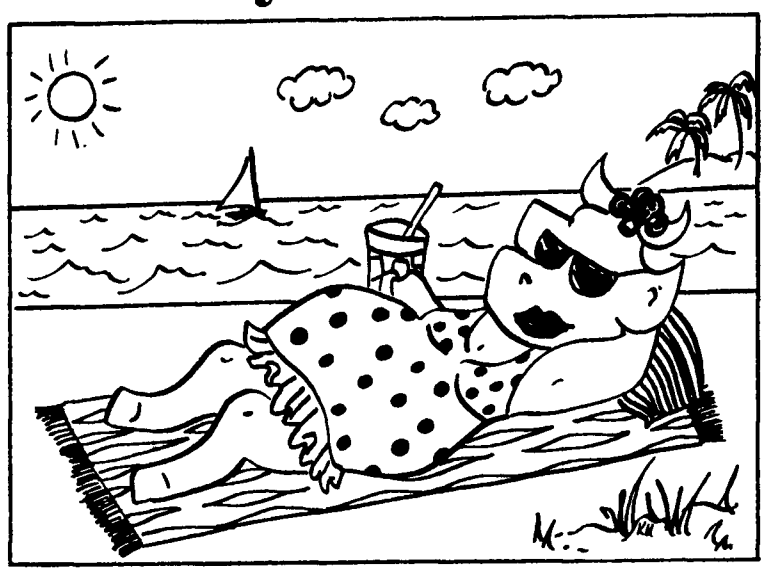
"One problem with an increase use of water is that it increases your manure disposal so that you have to scrap the barn twice a day. You need to make that management change. In a free stall you'll scrap manure in morning and again in the heat of the day around 2 p.m." said Graves. "You want to move the heavy and foul smelling air laden with ammonia out of there."

Changes In Ventilation Systems

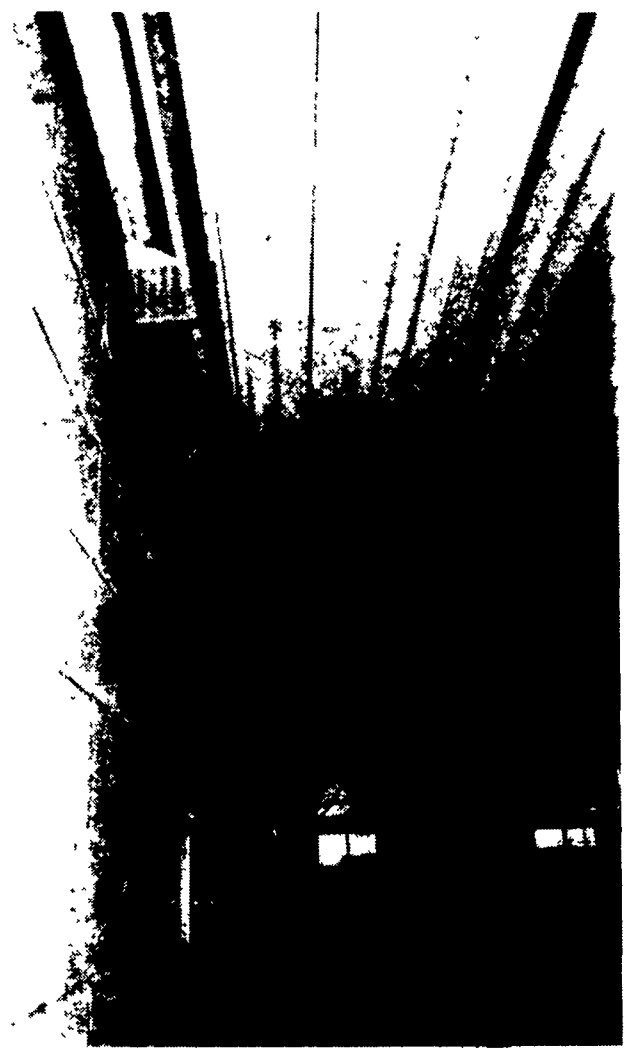
Dave Hartman of Scattered Acres in Berks County replaced a tin roof over his barn which is 300 feet long, 90 feet wide and 45 feet high in the center. Rust had deteriorated his roof due to a design error allowing the vent to trap moist air along the roof. The vent was too small and a 2" by 10" facing board blocked air passage. Hartman installed insulation on the inside of the roof to prevent condensation.

Hartman sees an improvement in circulation but feels more needs to be done in the barn. Although Dave wants to open up the sides and install curtains to allow maximum cross ventilation, the round roof makes that idea almost impossible because the curtains would not support the snow that slides off the roof in winter.

Rather than take the big plunge into installing sprinklers Hartman conducted a small scale experiment last summer with his high producers. He stretched a garden hose sprinkling system above the cows heads over the feed bunk for approximately 30 feet and spread feed along feed bunk. But the cows ate only at the area which was under the sprinkler.and would not go out of the sprinkler area to eat. None of the feed was touched which was beyond the ends of the sprinklers. By mid-July he hopes to have a permanent sprinkling system in place.



Perhaps this is an extreme example of pampering those high producing cows in your milking herd, but they do deserve the extra attention, especially in the hot, hot days of summer.



With all windows closed in the Schulers' new addition, this narrow opening where the roof meets the wall is the only air inlet.

With a bank barn Wilbur Hershey's options were limited. At a ventilation meeting tunnels and fans were suggested as his only options to improve air circulation. Hershey chose to open up the barn floor over top the stall barn, put the boards on hinges and reinforced the opening with 2" by 4" slats. The opening allows hot air to rise from the stall area and also funnels cool brair into the barn when the wind direction is right.

A bank barn presented few choices to Wilbur Hershey, dairy farmer near Bethel in Berks County.

"At a ventilation meeting they suggested the only way to improve air circulation in the barn was to build tunnels and put fans in," said Hershey. "I just couldn't see that."

Hershey used a little creativity and opened up the barn floor over top the stalls which he had converted to free stall barn. Hershey fashioned a hinged door in the floor a few feet from where the floor meets the barn bridge. The opening was reinforced with two-by-four inch boards. The only disadvantage is the big barn doors must stay open all the time to get a current of air in and out.

According to Hershey, the change made a definite improvement in air circulation. Wind coming in funnels down through the hole and other times a stream of hot air rises and escapes through the hole. Fans in the front of the barn push fresh air into the barn.

Harold Myer, dairyman with 409-head of Holsteins on his farm off Route 78, near Frystown in Berks County, has used sprinklers, fans and side-openings to improve ventilation and cool down his cows. Myer is sold on evaporative cooling and said he has never had a problem with water dripping off the udders. He notes little reduction in production in the hot summer months. But in the new barn being built, Myer has taken a different path.

The new barn which will house heifers and dry cows has insulated curtains on both sides from the top to within a few feet from the bottom. Sunlight will not penetrate this curtain. Also, Myers put one vent along the bottom which creates a shade effect on the cows in the bedding area. Myers is confi-

(Turn to Page A35)

Taking The Heat Off The Dairy Cow

(Continued from Page A34)

dent he won't need fans in the new barn.

Myer found too much time is wasted opening panels manually and plans to put the panels and curtain on an automatic wench.

Dave Schuler, near Kutztown, instead of opening up the barn, has closed it except for a few air vents. In the new addition on the old stall barn, windows and doors are closed. There are three large exhaust fans in the middle of one wall in both the old and the new barns. In the old barn one or two windows are open and the hay chutes are open. In the new barn the only openings are along the ceiling.

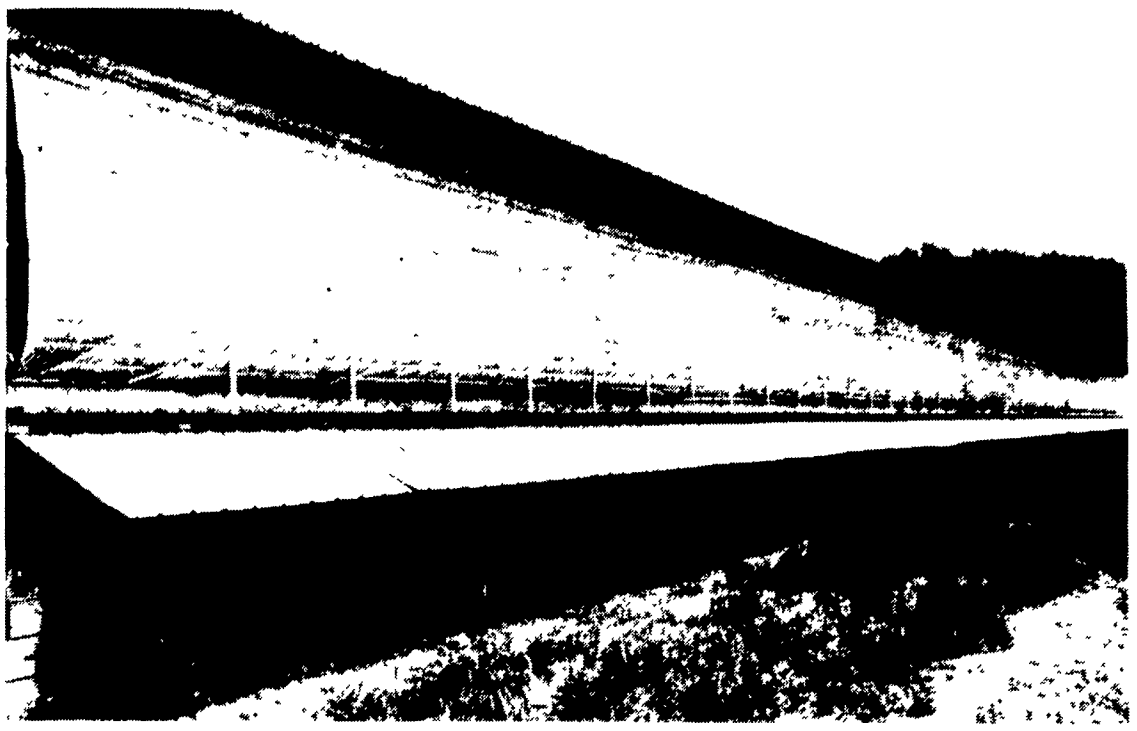
This system is designed to create negative air pressure. With all inlets closed air should be drawn through the openings and across the cows and pulled outside. There is no vent on the roof.There are only two ventilators to take the heat off the top of the roof, according to Schuler.

"Myer (Berks county agent) was here the other day and we checked the temperature outside the barn and it was 96 degrees and inside the barn it was 90 degrees. So it was a little cooler in the barn," said Schuler.

Schuler's Electric bills have also increased by 50 percent. Does this system work? Schuler reports that while the outside temperature is hitting the high 90's, the cows are maintaining feed intake. But Schuler also feeds his cows in the evening when the temperature has dropped.

Although sprinklers may appear to be his next step, Schuler admits he is apprehensive because of the chances of getting the bedding wet.

These large fans at both ends of the Hartmans' free stall barn keep air moving.



Myer chose an insulated curtain for both sidewalls in his new free stall barn. The curtain, soon to be operated by an automatic wench, will be a time and labor saver over individual manually operated vents which used on his other barns. He opted for the vent around the bottom to deter mice, but it also provides valuable shade in the bedding area when opened to bring in fresh air.

An error in the original design of this 300' by 90' barn led to the deterioration of the previous roof. Warm, moist air was trapped under the roof because the vent was too small and a 2" by 10" facing board prevented air flow. The new roof is insulated to prevent condensation and a large vent encourages air flow.

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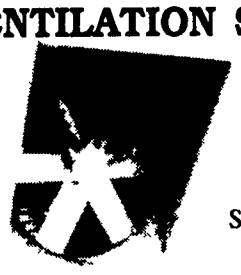

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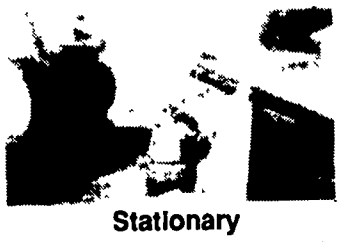

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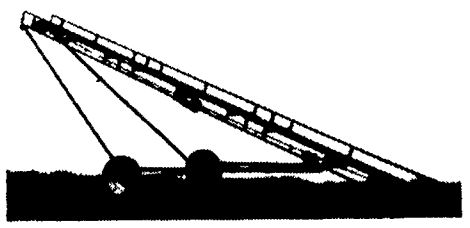

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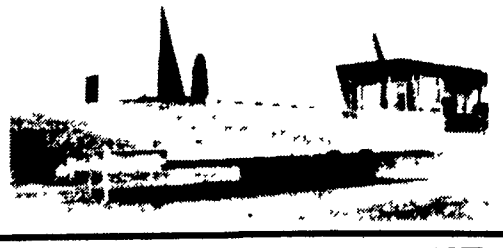

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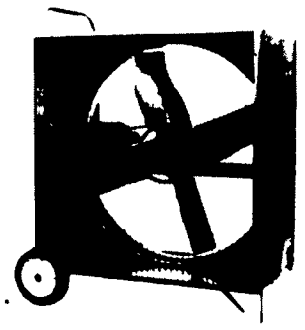

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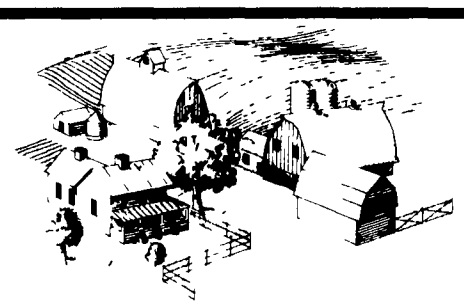


FARM MANAGEMENT

The major issue in American agriculture for the past month has been the hot, dry weather that has scorched the midwestern states. The developing drought has sent futures prices on grains through the ceiling as feed suppliers scramble to cover needs. Local feed prices have followed suit, leaving our local animal agriculture in a crisis and farmers on edge about the coming year.

Dairy producers are among those concerned, as the price of protein supplement has doubled since 1986. Forage quality will be more critical in dairy profitability this year than in the past several years. Many dairymen have been lulled to sleep by three years of cheap grain and have been overly generous in grain feeding. A supply of high quality forage will help dairymen feed higher levels of forage, less grain, less protein and hold on to some of their milk check.

Even dairymen who produce surplus feed could profit from dairy feeding adjustments which conserve protein. For the first time since the fall of 1984, it will be more profitable to sell crops than to feed them through dairy cattle.

At this point in the season, there are several good options for dairymen. In a recent newsletter entitled ***Controlling Protein and Feed Costs For Dairy Cattle,*** Dr. Dick Adams, Penn State extension dairy nutritionist, suggests several alternatives for dairymen.

1. Shift forage program to higher protein forages. In most cases, we are talking about high quality alfalfa hay or haylage, even if it needs to be purchased. In most years, the summer is the least expensive time of the year for hay purchases. However, most hay sellers are holding supplies because of the influence of feed prices and drought. Even if it costs you a little extra to buy hay now, it may pay off quite well if present conditions worsen.

2. Re-evaluate crude protein levels in the ration. Most rations have higher protein levels than necessary as a safety margin to ensure top performance. Experienced nutritionists and dairymen may be able to work together to reduce that safety margin without reducing production or profits. Remember, with the drastic changes in feed costs, the most profitable production level on your farm may be lower than it was in the years of cheap feed.

3. Non-protein nitrogen is an extremely economical source of protein in certain rations. It works best in rations containing high levels of corn silage and dry grain. Least effective uses of NPN would be in rations featuring high haylage and high-moisture grains.

4. By-product feeds may supply protein to the ration at a reduced price and maintain cow performance. Wet brewers grain is one of the more economical of these when used as a grain substitute. Other by-products are distillers, canola meal, cottonseed meal, whole cottonseed and a host of others. Realistically, we must expect that the prices of these alternatives will adjust upwards, following the leadership of the soybean and soybean meal markets.

With all of these ration adjustments, work very closely with your nutritionist to select and evaluate these adjustments. For a copy of Dr. Adams' article, contact your local cooperative extension office.

Prepared by Bruce G. Kreider, Multi-County farm management agent for Lebanon, Dauphin and Berks Counties.

Landmark Genetics Acquires Young Bull

HUGHSON, Ca.—Ricecrest Al ART-et, Reg. #2045880, a young Holstein bull bred by Ricecrest Farms, Chambersburg, PA, has been selected for sampling in the young sire proving program of Landmark Genetics. His semen has just been released for use in herds on official DHIA test throughout the United States.

As a member of Landmark Genetics' "GO" (Genetic Opportunity) program, ART is undergoing thorough testing. He has successfully passed his health tests and the goal now is to get a minimum of 50 daughters milking in 40 herds across the U.S. for a high repeatability on his first proof.

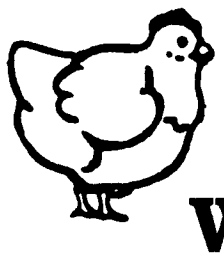
Pete Blodgett, director of the young sire development program for the international artificial breeding company, said, "We've selected this youngster because of his outstanding bloodlines."

ART is a son of Bossir Glen Valley Starlite Al. Big Al is a highly plus proven son of Glen Valley Star, that is noted for tall, strong, deep bodied cows that are extremely good in the suspensory ligament. ART's dam is one of the finest daughters of Sunny-Craft Chief Spirit. This impressive cow made 25,110M as a three year old and is also the dam of young sire 11H2818. The second dam is also a bull mother, her son is 11H1961. She is a daughter of Shardale Arlinda Chief Jemini with a best record of 32,188M and 1,293F. The third dam is by Elevation and made over 102,000M lifetime. The fourth dam, by Jet Stream made over 170,000M lifetime.

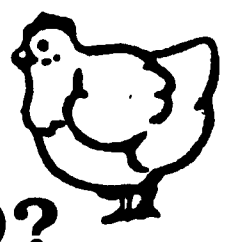
ART's pedigree combines many fine cows and impressive sires. The parentage in his pedigree are potent for transmitting high production and sound type.

ART, who is named after one of LG's finest distributors, Art Salisbury, should transmit frame and milkiness. ART also should be an improver of teat placement and suspensory ligament.

Semen from ART, according to Blodgett, will be available for sampling in the "GO" herd program for the next 60 to 90 days. For more information, contact Landmark Genetics, telephone (209) 883-4001.



WHY CHORE-TIME ?



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Cline, Bill	Clear Brook, VA	Independent	1 - 19,000 Duracage Remodeled
Co-Hen Farms	Dayton, ME	Independent	1 - 80,000 SSS Cage New
Cobb, Frank	Red Lion, PA	Wenger Feeds	1 - 32,000 D P Cage Remodeled
Cotner Farms	Danville, PA	Independent	2 - 81,000 Duracage New
Decoster Farms	Turner, ME	Independent	20 - 66,000 SSS Cage Remodeled
Eisenbeis, Jeff	Hershey, PA	Wenger Feeds	1 - 66,000 Duracage New
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Glenwood Farms	Jetersville, VA	Independent	5 - 101,000 SSS Cage New
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K-Brand Farms	Woodridge, NY	Independent	1 - 73,000 Duracage New
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Kofkoff Farms	Fitchville, CT	Independent	1 - 90,000 SSS Cage Remodeled
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Landis, Elvin	Lititz, PA	Keystone - Purina	1 - 30,000 Diamond 4H Remodeled
Lehman, Lee	Chambersburg, PA	Paramount Feeds	1 - 82,000 3HIGH Pullet New
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Moyer, Roger	Lititz, PA	Keystone - Purina	1 - 112,000 Duracage New
Newcomer, Jack	Mount Joy, PA	Hess - Purina	1 - 96,000 Duracage New
Nissley, Gerald	Middletown, PA	Wenger Feeds	1 - 108,000 Duracage New
Nissley, Mel	Middletown, PA	Wenger Feeds	1 - 108,000 Duracage New
Nolt, Jonas	Peach Bottom, PA	Esbenshade Feeds	1 - 72,000 SSS Cage Remodeled
Puglisi Farms	Lakewood, NJ	Independent	1 - 81,000 SSS Cage New
Replogle, David	Oxford, PA	Esbenshade Feeds	1 - 73,000 2+2 Pullet New
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Seaboard Foods	Bent Mountain, VA	Independent	2 - 82,000 3H Pullet New
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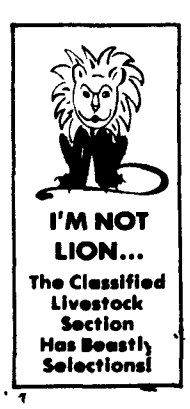

Adams Holstein Meeting At Penn Gate

GINGER S. MYERS
Adams Co. Correspondent

GETTYSBURG (Adams) — The Annual Adams County Holstein Twilight Meeting put on a new face this year and became the Adams County Holstein Club Summer Picnic. Despite a perfect hay making day, Saturday, June 25th, over 100 guests attended the noon luncheon and open house. Hosting the event for its debut were Steve and Chris Wood, Penn Gate Holsteins.

Prior to the noon luncheon, provided by the Pennfield Feed Company, guests were treated to a tour of the milking herd and replacement stock. Cows are the heart of the operation at Penn Gate. For any Holstein enthusiast, a dam-daughter pair standing on the end of the aisle are sure to quicken the pulse.

They are Penn Gate Elevation Flashie 3E-91 with records to 32,412 pounds of milk and 1382 pounds of butterfat, the dam and the daughter, Penn Gate Enhanser Fashion VG 86 with a first lactation record of 19,248 pounds of milk and 780 pounds of butterfat. Both cows have frozen embryos for sale. Flashie was high butterfat production cow in Adams County for 1987.

Another cow that caught visitors attention was Penn Gate Skystar E. Abbey VG 87. From the matriarch Abbey family, E. Abbey is currently projected at 5-01 to make 31,550 pounds of milk and 1522 pounds of butterfat for a possible national ranking for butterfat production in her age bracket.

Steve notes that he breeds and feeds for top butterfat production at Penn Gate. Milk production is not neglected either as evidenced by their 2500 pound increase in RHA for milk in the last two years. Steve stresses feeding lots of hay quality forages and is presently using a fat-added feed. The fat in his feed is half vegetable and half animal fats for a total of 8% fat in the grain mixture. They also top-dress sodium bicarb on their feed. Cows receive all their feed in the barn.

During the hot summer months the cows are turned out of the barn during the night and for a short time in the morning. Otherwise they are in the stall barn with the fans cooling them. The cows are kept in the barn both day and night during cold weather, except for turn out time for exercise and barn cleaning.

Chris and Steve Wood, Penn Gate Farm, took time from hosting the Adams County Holstein Club's Summer picnic to pose with one of their herd Favorites. She is Penn Gate Skystar E. Abbey who is projected to make 1522 pounds of butterfat.

Visitors to Penn Gate Farm admired the 60 cow milking herd of Steve and Chris Woods at the Adams County Holstein Club's first Summer Picnic hosted by the Woods. Cow families and top butterfat production are stressed at this farm which has established itself as a winner for both production and in the showring.

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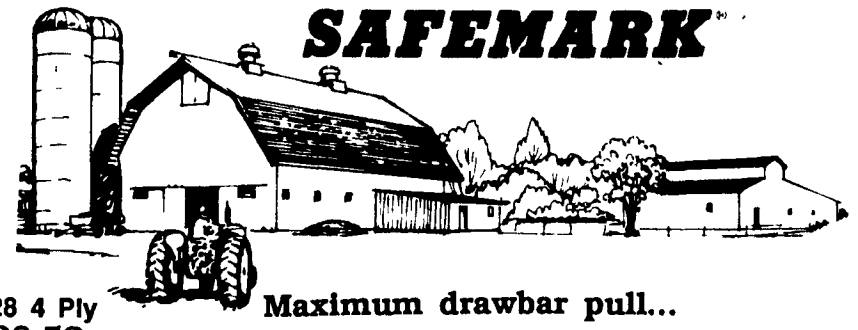

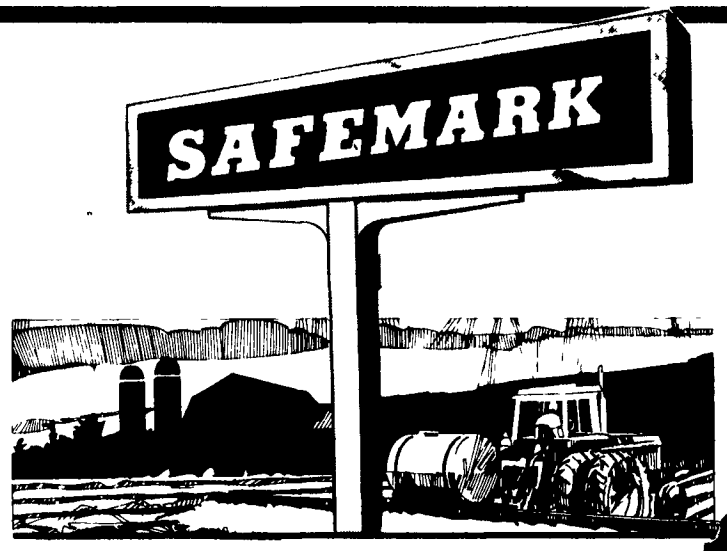

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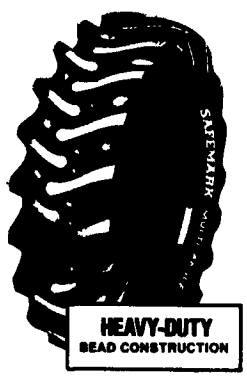

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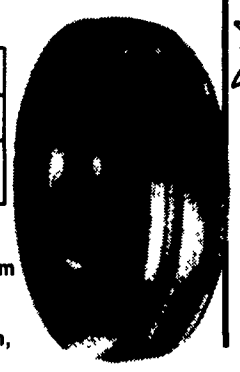

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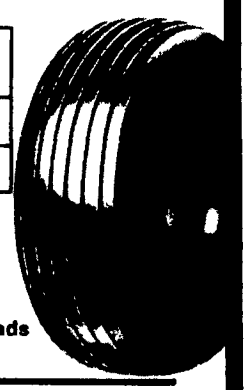

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Agriculture Called "Whipping Boy" In State Budget Cuts

(Continued from Page A1)

nor live with what is likely to be a very unpopular cut. So this leaves the local fairs in a quandary.

In addition, the governor cut agriculture research appropriations by $1,500,000. Johnes research was cut from $121,000 to $115,000, livestock and poultry diagnostic contracts each were cut back from $275,000 to $189,000. Pennsylvania agriculture product promotion funds were reduced from $400,000 to $360,000. The FFA and 4-H budget was cut by $40,000 to completely eliminate that item from the budget.

Senator Edward Helfrick (R-27), chairman of the Senate Ag Committee, had an immediate reaction to the democratic administration's line cuts for agriculture upon his return from Washington, D.C., to seek drought relief assistance from the USDA.

"I traveled to Washington to obtain drought relief for Pennsylvania farmers, only to find that when I returned Governor Casey had devastated the ag community through major cuts in the budget," Helfrick said Chesapeake Bay and conservation district funding was also cut by $600,000. "These cuts were made while at the same time the administration says it supports water quality," Helfrick said.

However, one agriculture leader who asked to not to be named, did not agree that ag should be using taxpayers' money for all the funding it has been receiving. "If a fair can stand on its own, then let it run," he said. "If not, then it should not run just because taxpayers' money is available."

Samuel Morris (D-155), chairman of the House Ag Committee, says what we see is actually part of the bargaining process. "Both parties, Republicans and Democrats, have been attempting to come to grips with a budget before the state theoretically comes to a halt on July 1," Morris said. "I don't think the cuts for agriculture will remain that way. Ultimately, we will come to some middle ground. And you need to realize that $13,000,000 was also cut from commercial things too," Morris said. Morris was hopeful that some of the compromises would take place in the near future.

Beverly Snyder, Secretary/Treasurer of the Pennsylvania State Association of County Fairs, said that if the fair funds are not reinstated at least 50% of the fairs will go bankrupt. "We consider Pennsylvania fairs the showcase of agriculture," Snyder said. "The matching funds from the state go only for events that are related to agriculture. Fairs get no state money for entertainment. Therefore, the small agriculture fair that has no entertainment income will suffer the most," Snyder said. "This is just another example of how Pennsylvania agriculture and its rural community is overlooked by the present state administration."

Richard Prether, Pennsylvania Farmers Association, said the ag budget as originally proposed was not padded in the first place. "We must stop cutting the ag budget," Prether said. "I hope they stop fussing and restore the requested funds, especially to agriculture research."

Whatever the eventual agriculture compromises made in Harrisburg, as it now stands 5.884 million dollars has been cut from the operating budget of the Pennsylvania Department of Agriculture. If this money is not restored, Pennsylvania farmers may have more to talk about than the drought. It may be a long, hot summer.

Calves Shot And Stolen

(Continued from Page A1)

enclosed with a 50-inch-high fence. Hess assumes that the heifer calf must be dead as it would have to be lifted over the fence to be taken.

West Hempfield Township policeman Kevin Maule answered the call and is investigating the crime along with Detective Wayne Lehman. Investigations haven't turned up any substantial evidence as yet.

Hess, who raises Polled Herefords for breeding stock on his Salunga and Mount Joy farms, has no idea why anyone would wish to attack his calves.

The missing calf is about 3½ -months old. It has a black ear tag numbered 29X and is tatooed with the same number. In addition it has an orange fly tag. Anyone with information regarding the calf or its assailant, should contact Officer Maule or Detective Lehman at 285-5287; or Hess at 653-8137.

Farm Calendar

(Continued from Page A10)

Sunday, July 17

Schuylkill County Holstein Picnic
New York State and Southern Tier Ayrshire Club Field Day, Blue Meadow Farm, Oneonta, N.Y.

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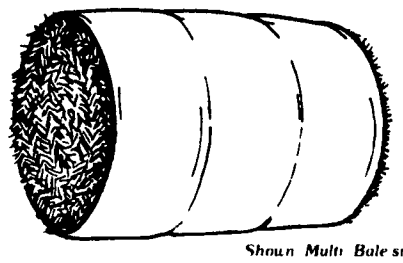

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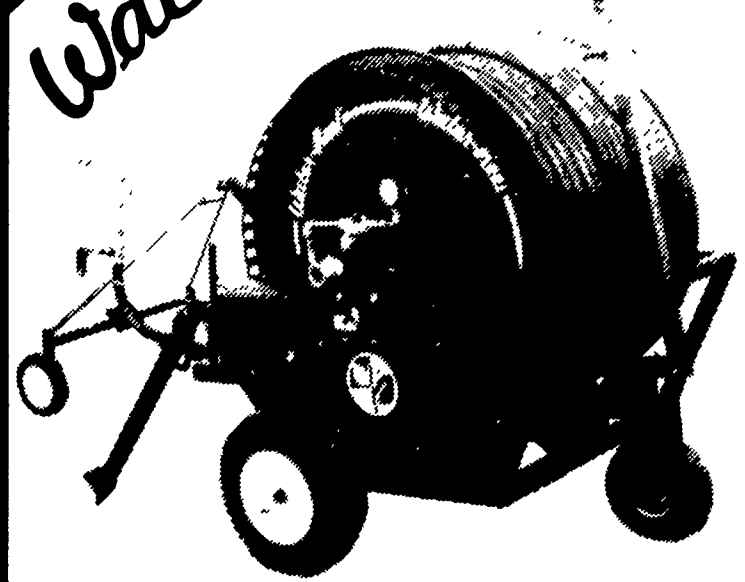

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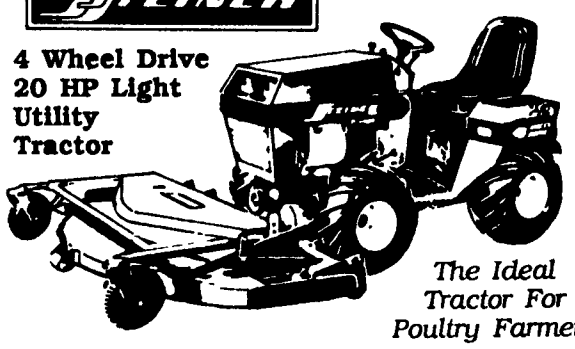

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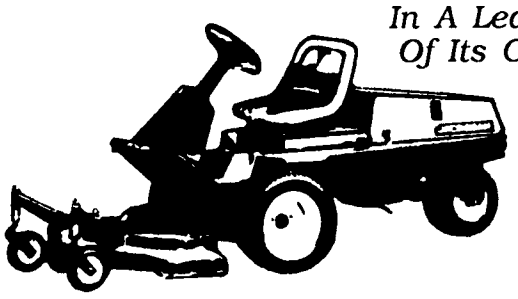

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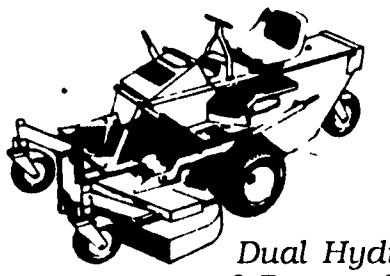

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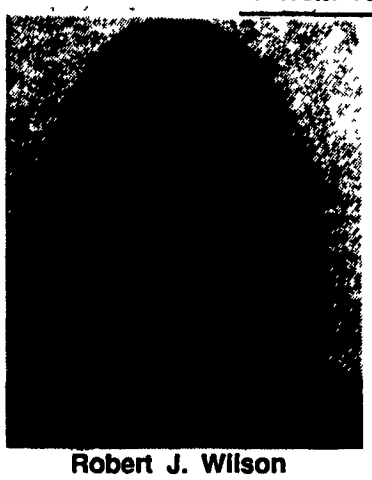
Pennsylvania Crime Stoppers is offering a cash reward UP TO $1,000.00 for information leading to the arrest of Robert J. Wilson. If you know this person and/or where he is presently located, you are urged to call Pennsylvania Crime Stoppers TOLL-FREE at 1-800-4PA-TIPS.

Robert J. Wilson is wanted by the Pennsylvania State Police in State College, Centre County, for escape. Wilson was placed in the State Correctional Institution at Rockview in August 1975 after being convicted in Berks County of two counts of involuntary deviate sexual intercourse. These offenses involved a 10 year old and a 12 year old boy as Victims. He

Wilson is described as a white male, age 54, with blond hair, blue eyes, and a ruddy complexion. He is 5 feet 7 inches tall and weighs 150 pounds. He has worked as a truck driver, tree trimmer, salesman, and printer in the past. He has also used the aliases of Robert James Welch and Arnold Francis Johnson. His last known address was on Penn Avenue in Sinking Springs, Pennsylvania.



Robert J. Wilson

Holstein Grade-Up Voted Down

(Continued from Page A1)

Wiker, Holtwood; and Coach Dale Oliver.

In the junior division, New York and Pennsylvania went into the finals, and New York won with the Pennsylvania team again second. These team members are, New York: Marcie Emerson, Alfred Station; Marcus Emerson, Alfred Station; Stephanie Harris, Philmore; Ryan Emo, Bath; Kelly Lyn Acomb, Danville; Robert Wilson, Danville; and Coaches, Mrs. Linda Emerson and Mrs. Nancy Harris. Pennsylvania: Jennifer Hummel, Duncanon; Marel Raub, Duncanon; Melissa Reisinger, Newport; Meranda Dum, Landisburg; Colleen Kretzing, Joysville; and Coach, Mrs. Peggy Raub.

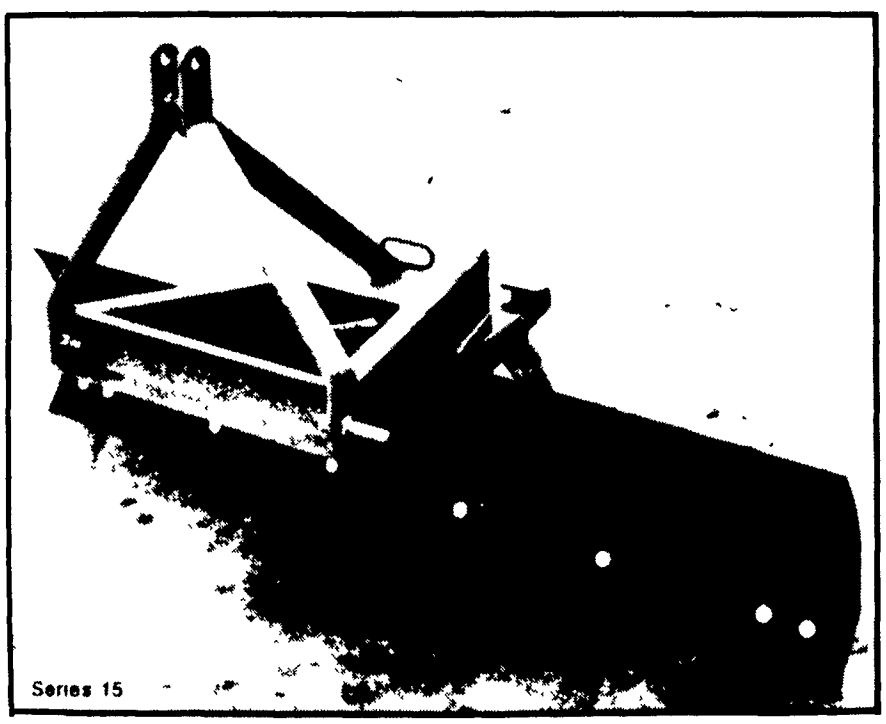
Pennsylvania's Distinguished Junior Member, Irene Benner, was named a finalist. Benner is from Millerstown.

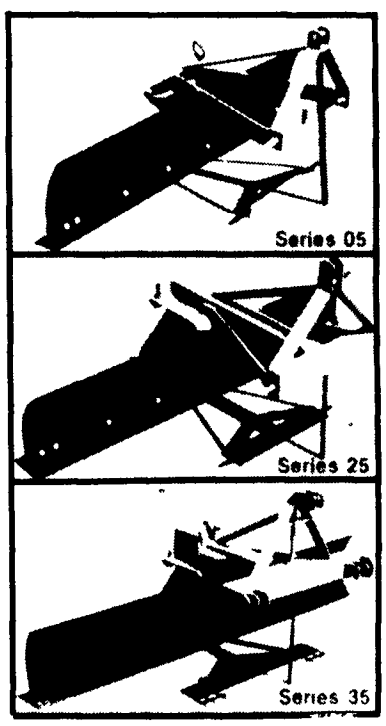
According to Yanizyn, the national sale cows at the resort caused a lot of reaction from local residents and press. The local TV weather reporter did his evening show from among the cows, and people were referring to the Sheraton as the "cow tower." A bull calf was born to one of the sale cows and promptly named Sheraton Harbor Island Grand.

The cows were housed on the lower floor of the resort in a exhibition area, and the smells associated with a cow barn filtered it up to the first floor meeting rooms. A large white tent on the parking lot provided the arena for the National Holstein Sale on Thursday.

LAND PRIDE

REAR BLADES





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Public Auction Register

JULY

THURS JULY 7 - 1PM Furniture, Household, Auto, Including The Luther Wilson Estate. Located 1 1/10 Mile North of Manchester, Pa. Along Rt. 181, Turn Right at Gray Rock. Watch for Signs. Rentzel's Auction Service.

FRI. JULY 8 - 5:30PM Real Estate, Guns, HH. On Rt. 850, 2 mi. S of Kistler, PA 6 mi W of Loysville, Perry Co., Pa. Owners: William & Nancy Palm. Auct: Kling's Auctions, Inc.

FRI JULY 8 - 8PM Complete Milking Herd and Bred Heifer Dispersal. Smoketown Quality Dairy Sales, Smoketown, Pa. Rte. 340 Steven Brendlinger, Owner Gordon & Helen Fritz, Aucts.

SAT JULY 9 - 9AM Amish School Benefit Sale. 50 Quilts, Farm Equip At the Sherman View School, Perry Co , Pa , 3 mi W of Loysville, 1 mi S of Centre off Rt 274, 35 mi NW of Harrisburg, Pa By Perry Co Amish Parachiol Schools Managed by Kling's Auctions, Inc

SAT JULY 9 - 10AM Farm Equipment Whitehall, Va From N or S on Rt 81 exit onto Rt. 37 & follow to exit for 522 N Go N to 1st traffic light, turn right & go 9 mi to sale If coming W on Rt. 7 or 50 toward Winchester, take 81 N & follow above instructions Rudolph Auction Service. Paul E. Richards.

SAT. JULY 9 - 10AM Furniture And Antiques from Local estates At Rudnick's Sales, Route 213 Galena, MD. Harry Rudnich & Sons, aucts.

MON JULY 11 - 4PM Huge Farm Dispersal. Sekoll Farm, Greenwood, N.Y Follow arrows off Rts. 248 or 418 (12 miles from Knoxville, Pa.) DH Rumsey, Sale Manager. Victor Kent And Sons, Aucts

JULY 18 - 7PM 3 Acre M/L Farmette Bordering Pequea Creek Located At 55 Paradise Lane — Take Rt 30 East of Lancaster approx 9 miles — Turn south at Paradise Fellowship Church on to Singer Ave. follow to Paradise Lane (Watch for auction sign). Jake Eichelberger, Owner. Attorney Linda Kling. Ron Funk & Gordon Ressler, Aucts

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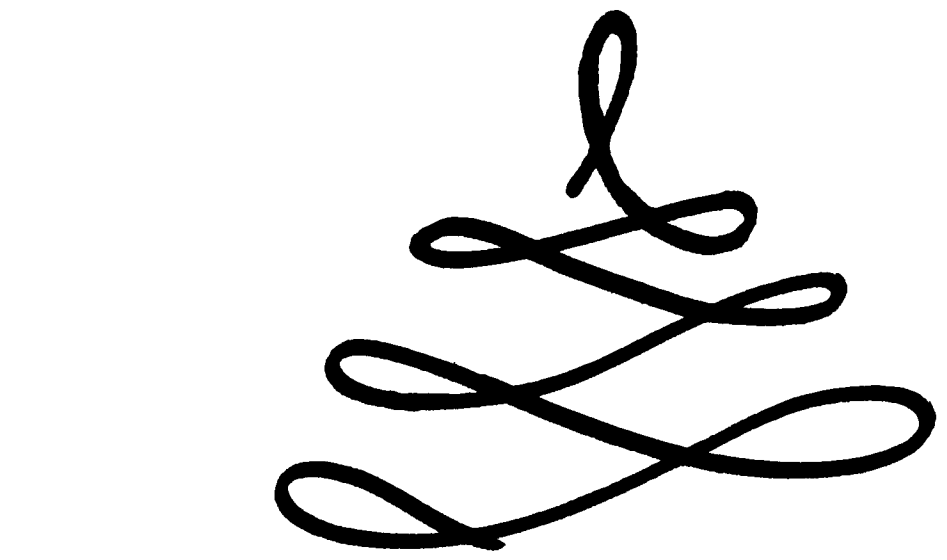

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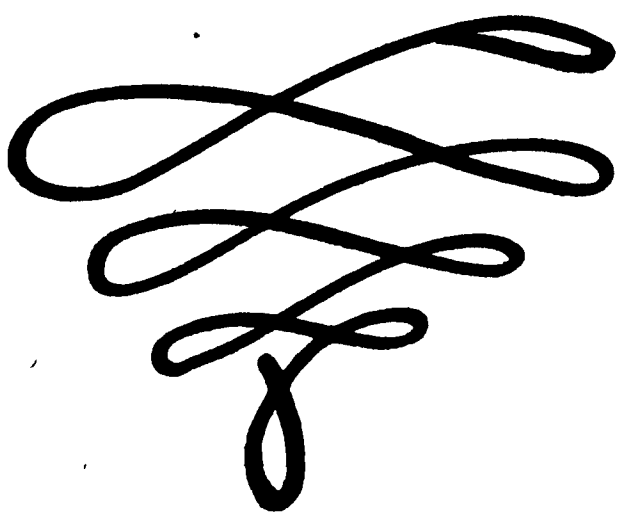

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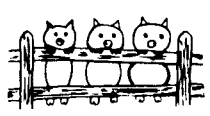

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Roses Thwart Cows From Trampling Gardens

BY JOYCE BUPP
York Co. Correspondent

PEACH BOTTOM (Lancaster) — Unlike some hobbyists, Doris Hough had a specific reason for acquiring the first of what would grow into an impressive collection.

"I thought cows wouldn't destroy plants with heavy thorns," chuckles this good-humored dairy farm woman from the southwest corner of Lancaster County.

For years, Doris had been frustrated with that classic plague of dairy farms: escaped cows ma-

Crested Moss Roses have stems covered with soft, moss-like thorns. The "moss" extends to unopened buds, lending them a look called "Napoleon's hat."

rauding gardens. She and her husband, George, breed registered Jerseys at their Milk-N-Honey farm in the picturesque hills near Peach Bottom.

Natives of New Jersey, the Houghs became Lancaster Countians 16 years ago. They were "happily pushed out" of their former home due to development pressures. In fact, the Houghs had to deal with "progress" several times. Their first home is now in the center of Interstate 78. Sometime after moving, the Hough's learned their new location was a planned reservoir site and would lie under thirty feet of water. Later, a proposed jetport for the New York Port Authority was blueprinted for their farmland.

Though the Peach Bottom atomic plant lies just a few miles away, begun soon after their move to Pennsylvania, the Hough's have otherwise seen a halt to the disruptions of development which shadowed their early years of dairy farming.

The disruptions which did continue to irritate Doris Hough were the sort in which playful cows romped through her carefully tended floral landscaping. In desperation one year, she acquired a few roses, of the "old" European type.

"It was just an accumulation of aggravation at cows over the years," she sighs, of those first thorn-laden bushes planted at the foundation of the lovely, classic bank barn.

A history buff and talented artist, Doris became increasingly intrigued with these roses of old European culture. And, the more she grew them and studied them, the more she wanted to add to her developing collection.

Today, Doris cultivates about 60 bushes of the old rose varieties. Many are ordered through a California firm, Roses From Yesterday and Today, and sent one-day-air to avoid plant dryout.

"Cultivate" is not a word Doris uses to describe her rose hobby. Old roses, she insists, just don't require much cultivation.

"I dig a hole," she says as she shrugs matter-of-factly while describing the preparation of the soil needed for these durable, historic shrubs of antiquity. Occasionally, she might toss in a bit of bone meal. "But I've never fertilized them yet; maybe I should."

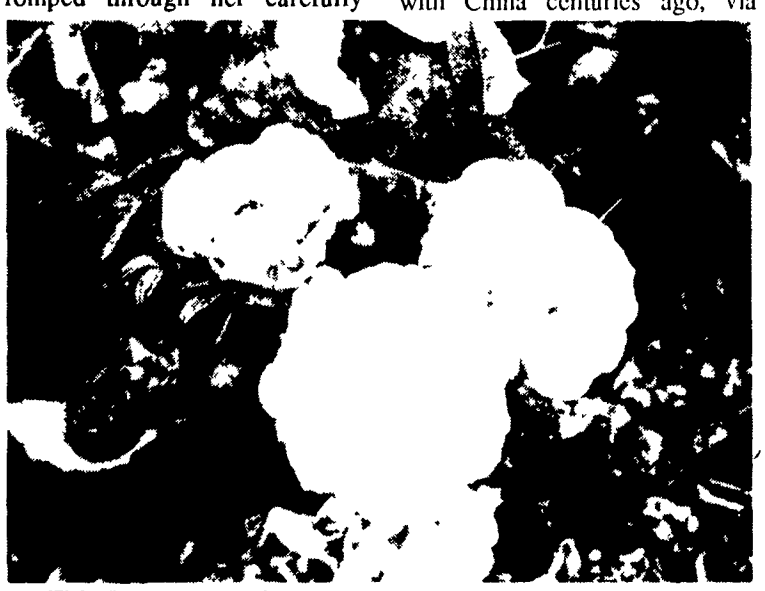
An increasing number of visitors, including garden clubs, who view Doris' old roses in June, might find her casual approach to rose culture surprising. In early summer, the roses are covered with wonderfully fragrant blossoms in red, fuschia and pink shades. Some varieties have blooms in patterns of blotched and striped colorings. Many are round and full with thick layers of petals; others bloom as singles, a delicate circle of petals.

But, visitors to Doris' roses don't just view a collection of blooming plants. A history lesson - with a touch of genetics - adds to the appreciation of the lovely plants.

Popular hybrid roses of today's backyards trace to an ancient European type, Rosa Gallica. Roses, centuries ago, were prized as medicinals, and their highly-fragrant blooms carefully harvested for perfume use. Dried petals, in concoctions similar to the popular potpourri, helped freshen the air in rooms of dark, musty castle.

The seed pods, or rose hips, which turn reddish-orange as they ripen, are very high in Vitamin C, and were valued for health uses.

But, with the exception of the Autumn Damask type, old roses generally bloomed only once a year. However, through early trade with China centuries ago, via



This Rosamundi Gallica variety has been documented to the year 1581, one of the Gallica species from which modern roses were developed. Swirling, striped color patterns, in shades of deep fushia to white, earned it a label as a "mad" rose. Since it blooms only once annually, in June, Doris Hough views it often to enjoy the daily color changes.

Surrounded by roses, Doris enjoys from the porch the seasonal color and scents of her rose and herb garden.

camel caravans, China or tea roses were introduced to Europe. Middle Age era rose growers crossed the two, breeding into the plants more continuous bloom. Modern hybrid tea roses have been developed from these lineages.

Doris Hough, however, has grown a few of the modern hybrid teas, and found them wanting for her needs. Cows, it seems, aren't daunted by the comparatively thornless nature of newer hybrids, as they are by the thousands of lethal-looking, needlelike, thorns packed along the sprawling stems of the classic old roses of medieval Europe.

About five of the roses that form the foundation of Doris' plantings bloom only in June. The others bloom most heavily then, but continue adding color and fragrance to the garden through the growing season.

One of the most unique categories of old roses growing at Milk-N-Honey are the Moss Roses. Actually a sport or mutation of a long-ago plant breeder cross, the stems of Moss Roses are heavy with a thick, green, blanket of short thorns which never harden. The soft, jagged-looking stem covering resembles a form of moss, and has a distinctive fragrance of its own. Buds of Moss Roses also look as though they are wrapped in a moss green covering.

Even with the extensive collection of old roses, which surround the Hough's farm home and barn, Doris insists she spends relatively little time tending them.

"I really like these old roses but I won't be a slave to them," is her philosophy, and one reason she keeps returning to the pages of old roses suppliers' catalogs.

Unlike hybrids teas, old roses of Europe are rarely bothered by such pests as the Japanese beetle or the black spot fungus. Spraying is almost never done by Doris, except on rare occasions when a particular plant might not be thriving and blooming to her satisfaction. No winter protection is ever given these roses; and Doris mulched them for the first time ever this year, with shredded bark.

She has even found a handy way to identify her several dozen roses. Unhappy with plastic stick-in markers - which cows can trample - or write-on tags which seemed to fade, Doris hit on the idea of labeling with bricks. Identifying information in black, indelible marker inks shows up well and is long-lasting on the red clay bricks, which don't blow away, rarely break and generally stay in place at the base of each bush. Cows don't bother them, either.

Like those who grew old roses when they were the only known roses, Doris enjoys these plants beyond their summertime beauty, fragrance and landscaping value. She frequently gathers the fragrant petals, spreading them to dry in the living room of their home, for use in making potpourri.

Rose hips, especially large and

Artistic touches by Doris Hough start at the Milk-N-Honey farm lane. She painted the whimsical Jersey sign and planted nearby several old rose bushes.

abundant on the Rugosa types, become jelly. Doris gathers the hips as they ripen, cooks them in water, runs them through a food mill, and uses the strained juice for her Rose Hip jelly. Small quantities of the juice, frozen as available, are sometimes blended with honey, to make her husband's favorite sweetening for breakfast cereals.

"If you can only purchase one rose bush, buy a Rugsa," Doris advises. Each species, however, is unique, with its own desirable characteristics. Blooms of the Alba roses are intensely fragrant. Sweet Briar types - and briar is most descriptive of this anti-cow, thickly-thorned rose - perfumes the surrounding air with an apple scent.

"By-products" of Doris' rose garden, such as the potpourri and jelly, often benefit the Robert Fulton birthplace historic site, which is located just a few miles from the Milk-N-Honey farm. With her love of history, Doris is an active supporter of this historic home, and assists with maintaining her local club's herb garden at the Fulton birthplace.

Her love of historic sites often surfaces in another area. Beginning as a child who loved to draw, Doris is now an accomplished painter in several mediums, including oils, watercolors and pastels. At age ten, she had the opportunity to take classes with an impressionist, who's technique of quickly getting on canvas what was seen, has strongly influenced her artistic style.

Many of her paintings of local scenic and historic site, decorate the rooms of the Hough farmhouse. Child portraits of their daughter and three sons were long-ago gifts to George. And, a painting of a former Jersey herd matriarch, to which much of their herd today traces, hangs in the farmhouse office next to a companion portrait of her well-known sire.

But Doris's artistic abilities go beyond painting. She's taught herself to tin punch, carves horses and birds, and occasionally works in stained glass. In fact, the Hough home is almost a gallery, or showcase, of her talents.

In early summer, though, it is Doris' roses which take center stage at Milk-N-Honey Farm. Their lovely colors and sweet perfume compensate for the cow-chasings which first triggered the order for that first thorny, "old" rose bush.

Planting of her 60 jagged-stemmed old roses hasn't completely eliminated cow herd visits to her gardens. But, with a twinkle in her artistic eye, Doris Hough admits that at least she has a fighting chance against their unwelcomed visits.

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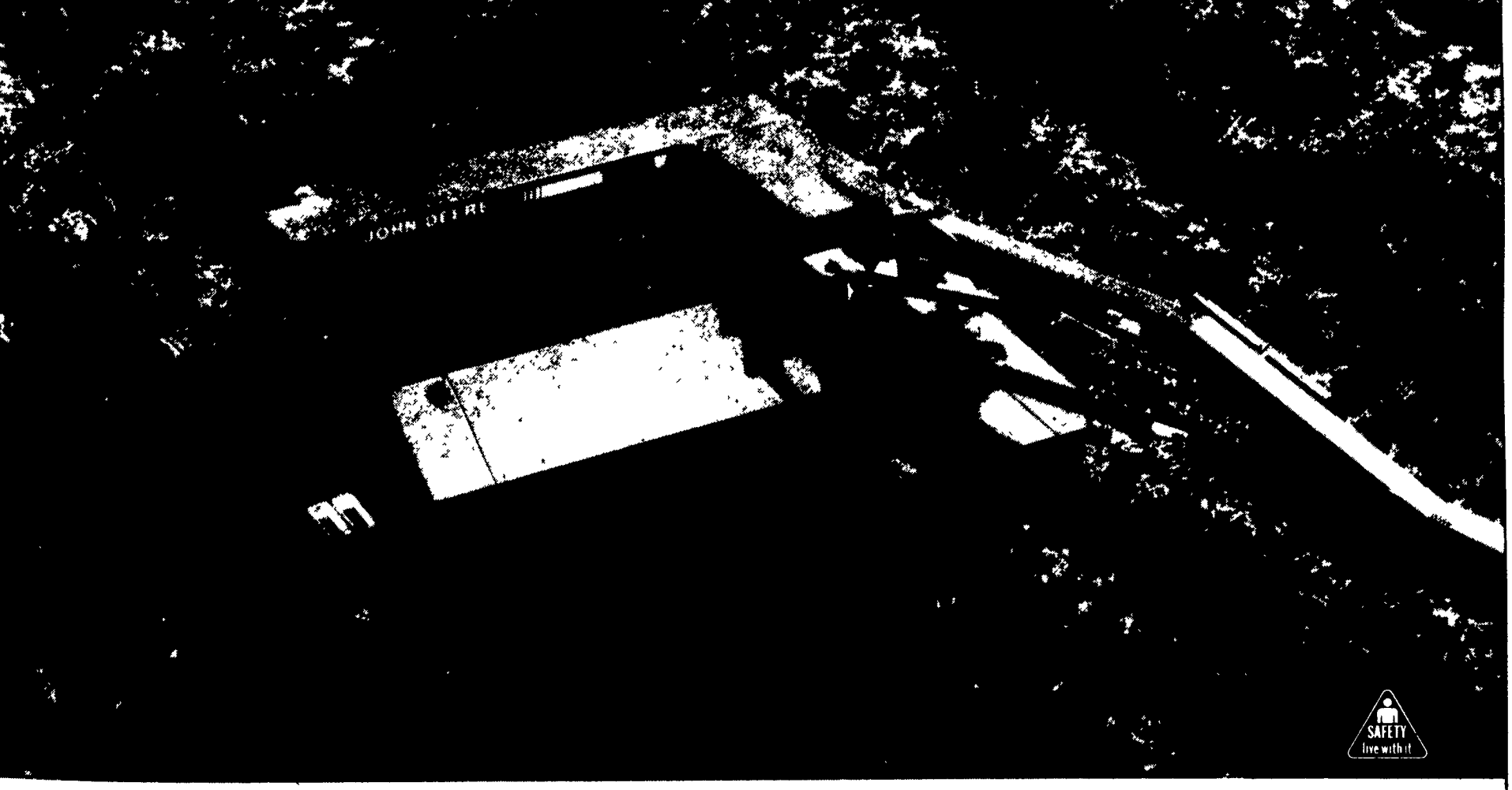

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On being a farm wife - And other hazards

Joyce Bupp

"Mom? Hey, Mom! Can you make me lunch?"

A classic, child-to-mother question if there ever was one. How many children over the centuries, in multitudes of languages and dialects, do you suppose have come bursting into the family cooking area on an identical quest?

"How about a hunk of leftover sabre-toothed-tiger?" perhaps the Stone Age, skins-clad, parent may have suggested. "Maybe I can find some roots and berries out in the swamp. Just go out there first and chase off that pesty brontosaurus that hangs around down there."

"I'll slice you some cold porridge and pieces of roast wild boar," may have answered the domestic head of some Middle Age, Celtic household. Our own pioneer ancestral youngsters no doubt often carried for a midday snack dried venison and yesterday's cornbread.

Packing lunches has never, ever, been a favored chore of mine. School hot lunch programs have blessedly eliminated that early morning, schoolday hassle. And, a husband whose career choice puts him at the midday meal table most of the time similarly saved me battling the brown bagging syndrome.

However, during heavy tillage, planting and harvest periods, they occasionally sweep into the kitchen with that boggling request.

"Mom? Hey, Mom! Can you make me a lunch?"

Actually, the physical chore of putting together a spur-of-the-moment, tractor-seat meal isn't that much effort. Tough part lies in the creativity challenge: what to put together that's nutritious, appealing, and holds up in ninety-degree weather, when you haven't planned ahead.

With luck, you can go the ancestral route of leftovers -- some nice, cold, sliced "roast beast," (as the kids used to call it). Or, a real winner is when they put in a brown bag order the morning after you baked a piece of ham.

More than likely, though, meditation at the opened refrigerator door results in the enlightened answer of bologna and cheese. Or, maybe, cheese and bologna. Rare is the day when these two staples cannot be found stocked in our chilled larder.

And, while still-frozen bread doesn't win any praises at the dinner table, it has its merits when packing a lunch. Frozen bread thaws before they're ready to pause at noon, while keeping the sandwich stuffings cool and fresh.

Pawing through refrigerator shelves might further enhance creativity in the form of pickles, onions, lettuce, even a tomato come mid-summer. And, there are almost always fresh apples on hand. If their timing is lucky, and you've just made a run to the supermarket, such lunchbox treats as potato chips, or cookies, might be available. Twenty-four hours after the shopping trip, forget it.

Watermelon has proved to be a lunchbox winner in the field hereabouts. Couple-inch-chunks of the juicy fruit can be eaten out of hand while unloading a bin or waiting for a replacement empty wagon. Plus, you can track their comings and goings by the drips on the floor.

What to put the lunch in to keep it cool, reasonably clean and which will adapt itself to field battering, is another challenge. Traditional brown bags just don't cut it bouncing around the toolbox through a morning of heavy duty tractor work.

This year, I sent to the field, with a feeling of having kissed it goodbye, our small but heavy-duty, lunch-size Igloo cooler. Coolers, especially those favored half-gallon types for drinks, turn permanently grease-black and break out with dents, cracks, and missing pieces.

Though the treasured Igloo returned only slightly worse for wear (with thanks from the lunch consumer), a half-gallon lemonade jug was less fortunate. Slipping from a moving tractor, it tumbled beneath the heavy-tread tire and became bits and pieces of lunchtime memorabilia.

Which is why, when they come hunting field food and drink, I've learned to stick with this philosophy: pack 'em full, but buy 'em cheap.

I hope there's a half-gallon drink cooler sale somewhere this week.

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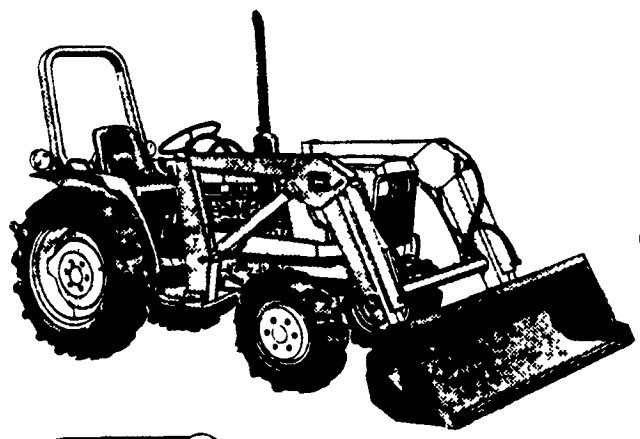
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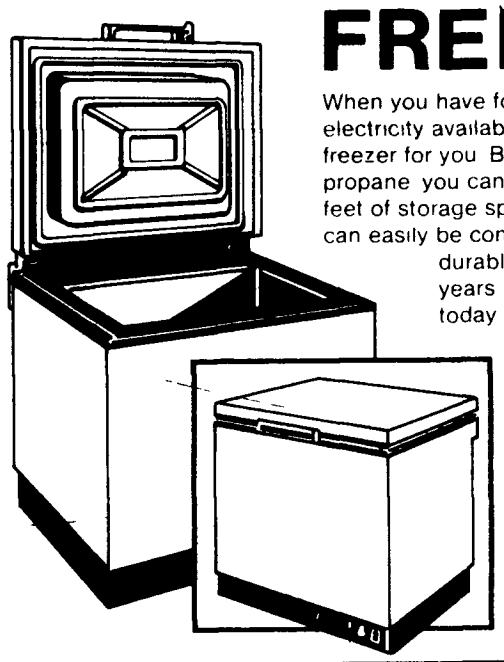
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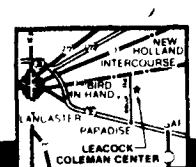

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Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Changing Times Call For New Wedding Gifts

Today most people have been working for awhile before they marry, and traditional wedding gifts may not be appropriate any more. For example, many people have the basics like toasters and bath towels.

Many people are giving gifts that are more luxury items than necessities.

Gifts that help the newlyweds plan for the future and manage their household are also appreciated.

One thing many people enjoy but don't buy for themselves is art work. Prints, paintings, and sculpture in wood, glass or metal all make fine gifts, as long as they are bought with the newlyweds' tastes in mind.

Lancaster County is a good place to shop for such gifts because of the many arts' fairs and craft shops.

If the couple enjoys cooking and entertaining, some specialty appliances make nice gifts. These include food processors and microwave ovens. Because space is often limited, appliances that do double-duty are usually appreciated.

Giving additional serving pieces to add to dinnerware the couple already has collected also makes sense.

For patio entertaining, quality plastic dinnerware or a picnic basket might come in handy.

Gifts that are an investment in the future are both practical and add a nice touch of symbolism at this time in the couple's life.

Savings bonds that increase in value as time goes on fit in with the emphasis on the future that a wedding brings.

Money and household management gifts are appropriate, especially for two career couples. These can include books about money management with a savings bond to go with it.

You also might buy a filing cabinet or other gift that encourages the couple to have a business center.

With dual-career couples, a gift of services might be appreciated. For example, you might pay to have their lawn taken care of for a year. Or you can volunteer to teach them a skill you have such as baking bread or wallpapering. Gift certificates to a grocery store or your favorite recipes and the needed ingredients can also help a new couple start housekeeping.

How To Choose A Cookbook

What makes one cookbook better than another? Recipes are important, but a good cookbook must contain other information. A cookbook should be your "kitchen encyclopedia" -- containing information on meal planning, foods in general, nutrition, food buying, preparation and storage, as well as recipes.

Here are a few things to keep in mind when you are selecting a cookbook -- either for yourself or to give as a gift.

Organization is important. Some cookbooks are arranged by menu rather than by food types. Unless this type has a detailed index, you may find it difficult and time consuming to locate a specific recipe.

A good, basic cookbook should offer a balanced selection of recipes. A collection of specialty books is nice, but you still need the basics.

Are the recipes easy to understand? Are the ingredients readily available or are they exotic items you won't use again? Are the ingredients listed in order of use? Is the yield for each recipe given?

How is the book put together? Will it lie open flat for use and stand upright on a shelf during storage? Will it stand-up to a bit of wear and tear and a few dribbles?

Other desirable features include: list of equivalent measures and ingredient substitutes; definitions of terms used in cooking; temperature definitions; equipment and utensils used in a well-equipped kitchen; guides for cooking and reasons for common failures; illustrations or descriptions of final products; "how-to-do it" pictures; tips on buying and storing; suggestions for planning and preparing foods in large quantities; and descriptions of measuring techniques.

The Cooperative Extension is an affirmative action, equal opportunity educational insutution.

Read the label to make sure you get the right thing! Some people want to buy ultra-pasteurized light cream or whipping cream because it remains sweet and fresh if kept unopened in the refrigerator for 4 to 6 weeks. For people who wish to use the product within 10 days and who prefer cream without stabilizers and heat treatment, there is regular pasteurized cream products.

If you're having a great year with home grown tomatoes, plan on serving Tomato-Basil Butter with corn-on-the-cob, baked potatoes or sauteed zucchini. Cook ¾ cup peeled, chopped tomato until tender. Add ½ cup (1 stick) butter and heat until it melts. Stir in 1 to 2 tablespoons chopped fresh basil and pepper to taste. This yields approx. ¾ cup.

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THURSDAY
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7:00 P.M. Demolition Derby
8:00-11:00 P.M. - Band Stand

FRIDAY
10:00 A.M. - Dairy Cattle Judging 4-H & FFA
7:00 P.M. - Modified Tractor and Truck Pull
7:00 P.M. - Watermelon Eating Contest
8:00 to 11:00 P.M. - Twitty Fever

SATURDAY
9:00 A.M. - Open Sheep Show
10:00 A.M. - Kiddie Pedal Tractor Pull
1:00 P.M. - Baby Beef Show 4-H & FFA
1:00 P.M. - Farm Tractor Pull
5:00-7:00 P.M. - Lip-Sync Talent Contest
7:00 P.M. - Lehigh Valley Quarter Midget Races
8:00-12:00 P.M. - John Hamby Band

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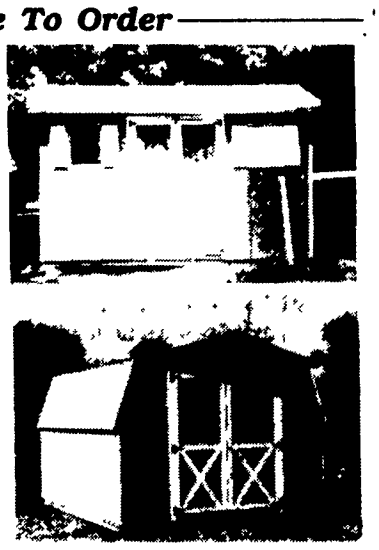

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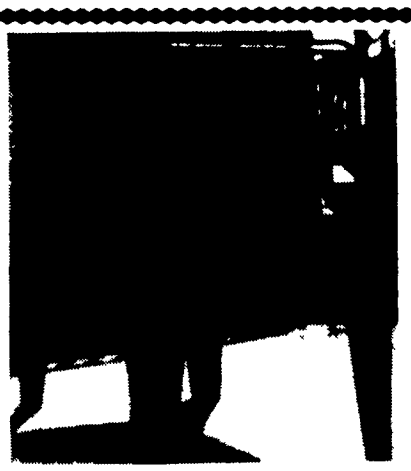

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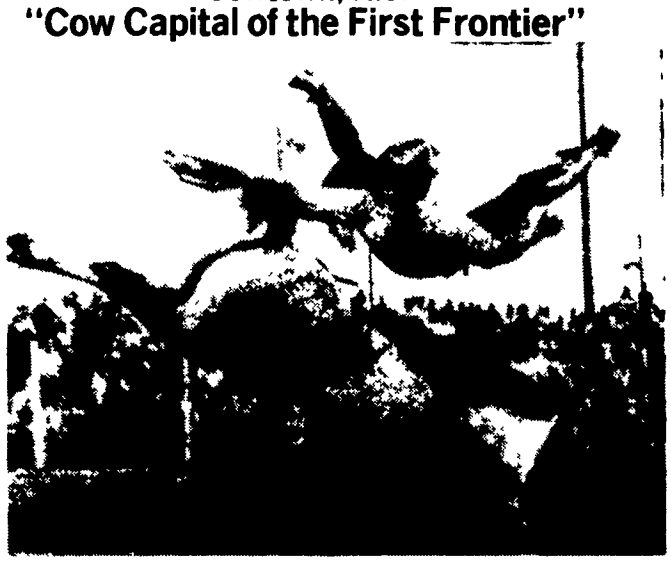

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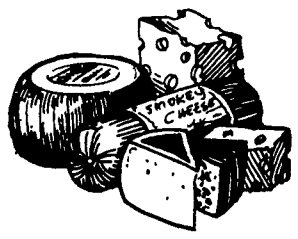
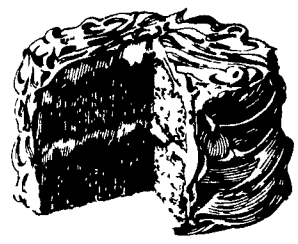


Home On The Range



Salads For Every Occasion

Easy cooking is the order of business for these glorious summer months when there are all kinds of fun things and not so fun things to do. Between gardening, preserving foods and the everyday responsibilities, the family clamors for good-tasting meals.

With the seasonal bounty of fresh fruits and vegetables flooding into the market, why not plan some beautiful, refreshing salads? Their versatility ranges from entree to side dish to dessert. Try them and see that nutritious meal planning need not keep you away from summertime activities.

COTTAGE CHEESE POTATO SALAD

¼ cup dairy sour cream
2 tablespoons Italian dressing
2 cups peeled, diced, cooked potatoes
2 hard-cooked eggs, chopped
2 cups cottage cheese
½ cup sliced celery
⅓ cup chopped ripe olives
⅓ cup sliced radishes
⅓ cup chopped green onions
½ teaspoon salt

In a large bowl blend together sour cream and dressing. Add potatoes and eggs and allow to marinate while preparing remaining ingredients. Add cottage cheese, celery, olives, radishes, onions and salt to potatoes. Mix well. Pack into 4½ -cup ring mold. Refrigerate several hours. When ready to serve, unmold on salad greens. Fill center with vegetable stick relishes if desired.

Delores Sensening
New Oxford

PINEAPPLE BOAT SALAD

1 small fresh pineapple
1½ pounds watermelon
3 cups cottage cheese
Grated lemon peel
Frsh mint

Cut pineapple into quarters lengthwise through crown. Remove core; then remove fruit from shell. Slice fruit into spears. Cut watermelon into bite-sized wedges; remove seeds. Combine cottage cheese with lemon peel. For each salad, fill 1 pineapple shell with cottage cheese. Top alternately with pineapple spears and watermelon wedges. Garnish with fresh mint. Serve with Pineapple Fruit Dressing.

American Dairy Association

MANDARIAN ORANGE SALAD

13 big marshmallows
1 cup milk
1 3-ounce package orange flavored gelatin
2 cups whipping cream
1 can Mandarin oranges
6 ounces cream cheese

Melt marshmallows and milk in double boiler. Blend in gelatin. Beat in cream cheese. Add oranges and whipping cream. Pour into mold. Refrigerate until firm and ready to serve.

Mrs. S. K. King
Gordonville

PINEAPPLE FRUIT DRESSING

1 egg, slightly beaten
½ cup sugar
2 tablespoons fresh lemon juice
1 tablespoon grated lemon peel
1 cup whipping cream
½ cup unsweetened pineapple juice

Combine egg, sugar, lemon juice and peel. Cook over low heat, stirring constantly, just until thickened. Cool. Beat whipping cream until stiff peaks form. Fold whipped cream and pineapple juice into lemon mixture. Cover and chill until ready to serve.

Am. Dairy Association

MELON-RASPBERRY SALAD

Lettuce
1 small cantaloupe
3 cups cottage cheese
Fresh mint
2 cups fresh raspberries

Line 4 salad plates with lettuce. Cut cantaloupe into quarts. Remove rind and seeds. Cut each quarter into 3 slices. Combine cottage cheese with mint. For each salad, alternate 3 cantaloupe slices and ¾ cup cottage cheese on top of lettuce. Place raspberries on opposite sides of cottage cheese cantaloupe salad. Serve with Pineapple Fruit Dressing.

Am. Dairy Association

SUMMERTIME SALAD

1 small can crushed and drained pineapple
1 cup cottage cheese
2 cups (8-ounces) whipped cream
1 cup miniature marshmallows
1 (3-ounces) small package orange or strawberry-flavored gelatin

Mix ingredients together. Set in refrigerator ½ hour. Serves 8 to 10.

Fruit and cottage cheese combos taste as good as they look.

YUM YUM SALAD

1 13-ounce can evaporated milk
1 medium can crushed pineapples
½ cup sugar
1 3-ounce strawberry-flavored gelatin
1 8-ounce cream cheese

Chill milk overnight. Boil pineapples with juice and sugar, 5 minutes. Add gelatin and stir. Let cool slightly. Beat cream cheese with milk. Beat until fluffy. Fold in pineapple and gelatin mixture. Pour into mold and chill.

Mrs. S.K. King
Gordonville

CHICKEN SALAD

2 cups cold chicken
½ cup pickles
2-3 hard-boiled eggs
1 teaspoon tumeric
1-2 cups mayonnaise

Put chicken, pickles and eggs through grinder. Thoroughly blend in enough mayonnaise to make it smooth, creamy and easy to spread. Makes approximately 1 quart.

Vera Mae Martin
New Holland

POTATO SALAD DRESSING

2 eggs
1 cup sugar
2 heaping teaspoons cornstarch
½ teaspoon salt
Small amount of pepper
1 teaspoon dry mustard
1 teaspoon prepared mustard
1 cup water
½ cup vinegar

Boil, then add lump of butter. Pour over hot boiled potatoes. Cut in bite sized pieces. Cool.

Vivian Plasterer
Newburg

SEAFOAM SALAD

1 quart pears, drained and mashed
1 cup hot pear juice
1 3-ounce package lime gelatin
1 8-ounce package cream cheese, softened
1 pint whipping cream
1 small jar maraschino cherries, chopped

Dissolve gelatin in hot pear juice. Mix in cream cheese and pears. Cool. Chill until partially set. Fold in whipping cream and cherries. Pour into a mold.

Denise Wenger
Mifflintown

GELATIN SALAD

1½ cup hot water
3-ounce box orange gelatin
3-ounce box apricot gelatin
1 (22-ounce) can crushed pineapples
8-ounces cream cheese
2 cups frozen whipped topping
1 cup grated carrots.

Mix gelatins and add hot water. Stir to dissolve. Add pineapples, mixing well. Let set until cool. Add cream cheese and whipped topping. Mix well. Stir in grated carrots. Chill until set. Serves 12.

Dorothy Witmer
Ephrata

SPAGHETTI SALAD

1 pound spaghetti, cooked
1 tomato, chopped finely
1 green pepper, chopped finely
1 cucumber, peeled, seeded, and finely chopped
½ jar McCormick's® Salad Supreme Seasoning
1 16-ounce bottle clear Italian dressing (not creamy)

Mix well and refrigerate, stirring occasionally, for at least 8 hours or overnight.

Makes 3-quarts. Great for picnics.

Barbara Prout
Gilbertsville

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

July	
9-	Garden Fresh Vegetables
16-	Fruit Pies
23-	Summertime Coolers (non-alcoholic)

Featured Recipe

New Salad Leaflet

"Dairy Delicious Salads" are featured in a new recipe leaflet from American Dairy Association. Salads provide a refreshing alternative to everyday meals and bring a sparkle to the dinner table. There is something for everyone -- ethnic salads such as Hot Curried Chicken Salad and Italian Salad to old favorites like cottage cheese and fruit. Seafood as well as vegetables provide salads hearty enough to serve as entrees. Complete instructions and nutritional information are provided for each recipe.

To order a free copy, send a stamped, self-addressed envelope (#10) to: Dairy Delicious Salads, MAMMA, 216 Carroll Building, 8600 LaSalle Road, Towson, MD 21204.

Pineapple Cottage Cheese Boat
4 servings

Blue Cheese Dressing:
1 cup dairy sour cream
1 cup (4 ounces) well-crumbled Blue cheese
¼ cup chopped pecans
1 to 2 tablespoons milk
1 teaspoon grated lemon peel
½ teaspoon Worcestershire sauce

Salad:
1 whole fresh pineapple
2 cups cottage cheese
12 slices kiwi fruit
12 medium-size cooked shrimp OR 1 cup small cooked shrimp

For dressing, combine all ingredients; mix well. Chill, covered, 1 to 2 hours to allow flavors to blend. For salad, cut whole pineapple (including top) into quarters. Carefully remove fruit from pineapple; reserve pineapple shells. Cut pineapple into wedges; set aside. Place a scoop of cottage cheese in center of each pineapple shell. Surround cottage cheese with sliced kiwi fruit, shrimp and pineapple. Chill up to 1 hour before serving. Pass Blue Cheese dressing.

Serving size: 1/4 of recipe
Calories per serving: 520
Protein 30 g, fat 32 g, carbohydrate 32 g
Calcium 322 mg, riboflavin (B2) .48 mg

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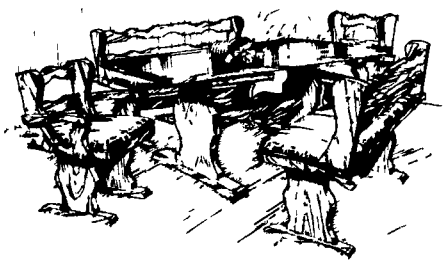

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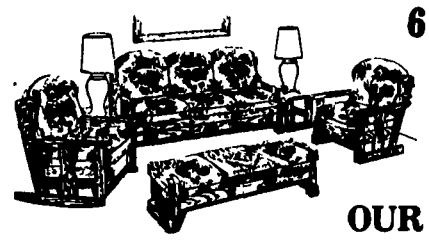

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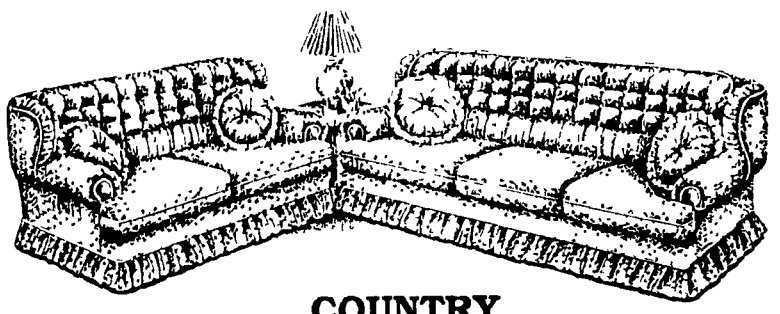

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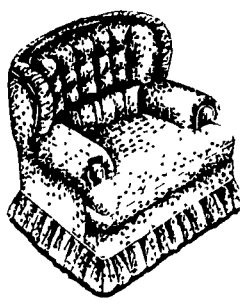

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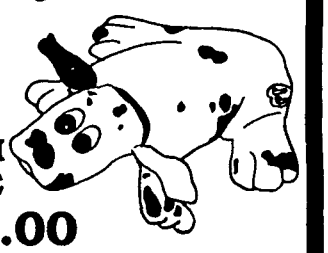

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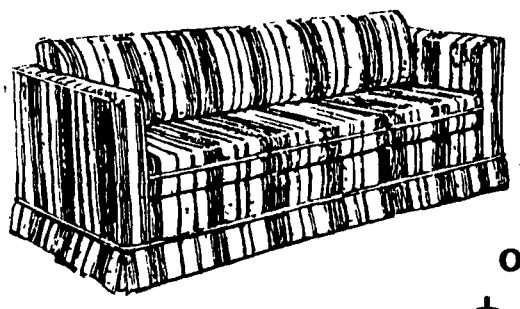

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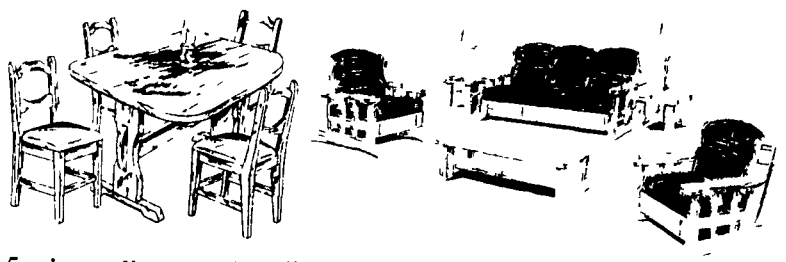

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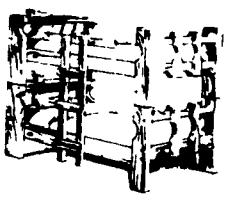

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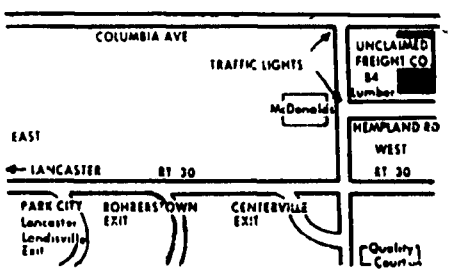

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Cook's Question Corner

If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 366, Lititz, PA 17543. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION - Ruth Etta Nolt, Fleetwood, requests recipes for canning cream of mushroom soup that doesn't get tough or gummy.

QUESTION - Stephanie Sudal, Pine Island, N.Y., requests a recipe for onion bread that is made without yeast.

QUESTION - I.R. Luttrell, Holtwood, requests a recipe for a good Italian salad dressing similar to the Good Season Salad dressing mix.

QUESTION - A reader from Litton, Ohio, requests recipes using okra.

QUESTION - Carol J. Shaeffer of Wrightsville, requests a recipe for shrimp with cashews similar to that sold by Bennihanna frozen dinners.

QUESTION - An anonymous reader from Somerville, Va., requests a recipe for making and canning pie filling uses fresh blueberries. She also would like one using fresh peaches.

QUESTION - M. Horst, Narvon, would like to see recipes for casseroles that can be prepared ahead of time, frozen, and put straight in the oven.

QUESTION - Mrs. Florence Gruber would like a recipe for Mush cake or Mush pie. Her mother made it so that it could be eaten with sausage or as a cake.

QUESTION - Alma Shirk, Mifflinburg, requests a recipe for goat's milk cheese.

QUESTION - Mrs. S. K. King, Gordonville, requests a recipe for making buttermilk and sour cream that tastes like the store-bought items.

QUESTION - Martha Hohmeier, Lincroft, N. J., requests a recipe for yeast buns that are light and fluffy such as pull-apart buns that may have nuts and raisins.

ANSWER - Mrs. Florence Gruber would like a recipe for Pennsylvania Dutch Bread filling. Thanks Suetta High, Reinholds, for your recipe.

Potato Filling

4 pounds potatoes
2 cups milk
1 cup butter, melted
16 slices bread, cubed
1 cup onion
1 cup celery, diced and cooked
1 tablespoon salt
1 teaspoon pepper
2 tablespoons parsley
3 eggs

Mash potatoes and add remaining ingredients. Mix well. Bake at 350 degrees for 1 hour.

Suetta High
Reinholds

ANSWER - Mrs. J. C. Ollinger, Lancaster, requested a recipe for Salisbury Steak with Bordelaise Sauce. Thanks to Martha Hohmeier of Lincroft, N. J., for the following recipe.

Salisbury Steak

Do not use regular ground hamburger. Buy chopped steak.

Bordelaise Sauce

¼ cup butter, melted
3 finely chopped onions
2 cloves of garlic, minced
2 carrot slices
2 parsley sprigs
10 peppercorns
2 whole cloves
3 tablespoons flour
1 10½-ounce can condensed beef boullion
1 cup burgundy wine
¼ teaspoon salt
⅛ teaspoon pepper
2 tablespoons parsley, chopped

In a pot combine butter, garlic, carrot, parsley sprigs, cloves, onions and peppercorns. Cook slowly until vegetables are tender. Blend in flour gradually. Add boullion and ½ cup burgundy wine. Bring slowly to a boil, stirring constantly. Reduce heat. Cook slowly for 5 to 8 minutes. Pour mixture through a strainer. Return sauce to pot. Add remaining seasonings, parsley flakes and remaining wine. Cook slowly until heated throughly. Makes 2 cups. Spoon over cooked chopped steaks.

ANSWER - Estella Fink, Allentown, requested a recipe for chicken pie. Here are two additional ones from Dorothy Witmer, Ephrata, and Vera Mae Martin, New Holland.

Chicken Pie

5 tablespoons butter
4 tablespoons flour
1 teaspoon salt
2 to 3 cups chicken, cooked and diced
1 cup cooked carrots
½ cup onion
2 cups chicken broth
Pinch of saffron
Dash of pepper
1 cup cooked peas
1 cup potatoes, cooked and diced

Saute onion in butter until transparent. Add flour, salt, saffron, and pepper. Stir until blended. Add broth. Cook until slightly thickened, stirring constantly. Place chicken and vegetables in casserole dish. Pour thickened mixture over chicken and vegetables. Cover with crust.

Flaky Butter Crust:
1½ cup flour
6 tablespoons shortening
½ teaspoon salt
4 tablespoons soft butter
Ice water

Sift flour and salt together. Cut in butter and shortening. Add water, in small amounts, using only enough to keep particles together. Roll dough ¼ -inch thick in a shape to fit the casserole dish.

Bake casserole at 375 degrees for 25 minutes. Serves 6.

Chicken Pie

2 cups cooked chicken, packed firm, boneless and cut into small pieces

Dough:
2 cups Wildrose flour
½ cup margarine
⅓ cup milk
¼ teaspoon salt
2 teaspoons baking powder

Divide the dough into 2 parts. Roll out dough and line it in a 10½ -inch pie plate. Arrange chicken in pie crust. Sprinkle with the following mixture:
½ teaspoon salt
1 heaping tablespoon flour
½ cup water
½ cup broth

Cover with the remaining dough. Top crust should have a small hole in the middle. Bake in moderate oven about 375 to 400 degrees. Browns easily, cover with foil if necessary. Drain broth from the cooked chicken before using and save for dressing. Serve the pie piping hot with hot chicken broth.

ANSWER - Helena Harduby, E. Brunswich, N.J., wanted the recipe for scalloped potatoes. Thanks to Joanne Scott of Bellefonte who had clipped it out of "Lancaster Farming" when it ran.

Scalloped Potatoes

5 cups potatoes, sliced
2 tablespoons flour
1 teaspoon salt
Dash of Pepper
½ pound processed cheese, cubed
¾ cup milk
¼ cup chopped onions
¼ cup chopped green peppers

Place potatoes, salt, flour, and pepper in bag. Shake to coat potatoes. Heat cheese in milk. Add onions and peppers. Put potatoes in a 9x13-inch pan. Pour milk and cheese mixture over top. Bake at 350 degrees for 50 minutes.

ANSWER - Sally Kaltreider, Brodbecks, asked for recipes for pasta salads using spaggetti. Thanks to Mrs. Earl Heshour, Bowmanville, for sending hers.

Pasta Salad

1 pound thin spaghetti
2 bottles Kraft Miracle® french dressing
2 large green peppers
2 carrots
4-5 sticks of celery

Cook spaghetti for 9 to 10 minutes. Drain. Add dressing while hot. Add chopped vegetables when cool. Flavor is best if made a day ahead.

Salads

(Continued from Page B6)

SAWDUST SALAD

First layer:
1 3-ounce box orange-flavored gelatin
1 3-ounce box lemon-flavored gelatin
2 cups hot water
1¼ cup cold water
2 cups crushed pineapple, drained, reserve liquid
1 large package miniature marshmallows

Mix ingredients together. Pour into 13x9-inch pan. Set aside to jell.

Second layer:
Cook while first layer cools:
2 eggs, well-beaten
1 cup sugar
5 tablespoons flour
2 cups pineapple juice

Cook until thickened. Cool. Pour over first layer.

Third layer:
2 packages dry whipped topping
1 cup milk
1 8-ounce packages cream cheese

Mix ingredients together and whip at high speed.

Pour over second layer. Sprinkle graham cracker crumbs, sugar and cinnamon mixture over top before serving.

Vivian Plasterer
Newburg

FROSTED FRUIT SALAD

1 3-ounce package lemon-flavored gelatin
1 3-ounce package orange-flavored gelatin
Juice of 1 lemon
2 cups boiling water
2 cups cold water
2 bananas, diced
1 #2 can crushed pineapples, drained
1 cup miniature marshmallows

Dissolve gelatin in boiling water. Add cold water and lemon juice. Chill until partially set. Fold in pineapples, bananas, and marshmallows. Pour into a 9x12x3-inch pan. Chill until set. Frost with the following:

Combine 2 tablespoons flour and ½ cup sugar. Slowly stir in 1 beaten egg and ½ cup milk. Stir in 1 cup pineapple juice. Cook slowly, stirring constantly until thickened. Cool. Fold in 1 cup heavy cream, whipped. Spread on jelled salad.

Denise Wenger
Mifflintown

LAYERED BEEF SALAD

1½ pounds lean cooked beef, sliced ¼ -inch thick
8 cups torn mixed greens
½ medium red onion, sliced thinly
8-ounces water chestnuts, drained and cut in half
1 cup shredded carrot, divided
8-ounces low-fat plain yogurt
¼ cup reduced-calorie mayonnaise
1 tablespoon chopped fresh basil leaves or
1½ teaspoons dried basil leaves
2 tablespoons thinly sliced, fresh basil leaves or chopped parsley
2 radish roses, if desired

Cut beef into ¾ -inch strips. Layer ingredients in the following order in a 3-quart straight-sided glass salad bowl; mixed greens, red onion, beef, chestnuts and ½ cup carrot. Combine yogurt, mayonnaise and chopped basil. Spread mixture over salad covering the top completely. Spoon remaining carrot on center of salad. Sprinkle sliced basil over center of carrot. Garnish with radish roses, if desired. Serves 8.

Maryland Beef Council

4-H HAPPENINGS

Horse, Pony Gymkhana

The Lancaster County 4-H Horse and Pony Gymkhana was held on Saturday, June 18 at the Fellenbaum Stables, Lititz. 4-H horse and pony members from all the county's clubs competed and practised for the county Roundup, which will be held on July 16 at the Lower Hopewell Horse Center in Lititz.

The results of the gymkhana are as follows:

Grooming, Showmanship
16 years & older
1 Sallie Gregory, 2 Candy McPherson
13-15 years
1 Kimberly Kettering, 2. Luan Deater
12 & under
1 Lori Harnish, 2 Melissa Morrow
Dollar Bareback
1 Jenny Olweiler, 2 Amy Harris
Leadline Class
Jamie Gigac
Driving
Bobbi Miller
Egg & Spoon
1 Tracy Garifalo, 2 Becky Aukamp
Senior Hunt Seat Equitation
1 Vickie Creighton, 2 Missy Overbaugh
Junior Hunt Seat Equitation
1 Luann Deater, 2 Kate Moxley
Green Pleasure
1 Kimberly Ketting, 2 Melissa Morrow
Hunter Under Saddle Horse
1 Missy Overbaugh, 2 Kate Moxley
Hunter Under Saddle Pony
1 Jenny Olweiler, 2 Eileen Holme
Scurry Races, Horses and Ponies
1 Michelle and Bobbi Miller, 2 Becky Aukamp and Jessica Hill
Keyhole Race, Horse
1 Michelle Miller, 2 Becky Aukamp
Keyhole Race, Ponies
1 Jessica Hill, 2 Bobbi Miller
Hunter Hack Horse
1 Katge Moxlet, 2 Vickie Creighton
Hunter Hack Pony
Laura Seaton
Senior Western Equitation
1 Tracy Garifalo, 2 Kimberly Kettering
Junior Western Equitation
1 Lori Harnish, 2 Heather Buller
Break & Out
1 Dan Mahon, 2. Tracy Witmer
Walk/Trot/Jog
1 Todd Robinson, 2 Elizabeth Hess
Western Pleasure, Horse
1 Heather Buller, 2. Lori Harnish.
Western Pleasure, Pony
1 Dan Mahon, 2. Amy Harns.
Pole Bending, Horse
Michelle Miller
Pole Bending, Pony
1 Jessica Hill, 2 Bobbi Miller.
Horse & Pony Cloverleaf Barrel Races
1 Michelle and Bobbi Miller, 2 Becky Aukamp and Jessica Hill
Western Riding
Nicholas Gerhart
Pair Class
1 Luann Deater and Vickie Creighton, 2. Kim Kettering and Tracy Witmer.
Horse & Pony Trail
1 Nicholas Gerhart and Jessica Hill, 2 Missy Letteer and Amy Harris

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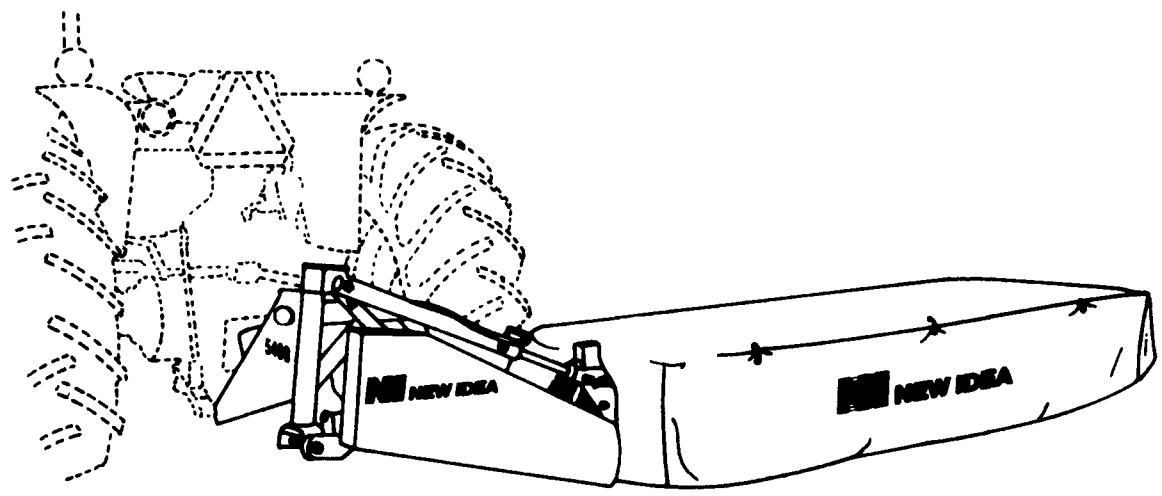

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Kid's Korner

A Visit With Brittany, Bandit, Princess And Squeaky

BY JOYCE BUPP
York Co. Correspondent

Brittany was tired. It was a warm afternoon, and she had been hard at work for several hours.

A nap was just what Brittany needed. She stretched out in the shade, on cool, soft grass, closed her eyes, and went to sleep.

Her friend, Bandit, didn't mind. Bandit, though, was too busy exploring socks and shoestrings to even think about a nap. Princess didn't pay any attention to Brittany, either. She just hopped off in search of a snack, maybe a bite of sweet clover of tender grass, or her favorite, a chunk of cantaloupe.

Squeaky watched Brittany settle down for her nap. Ho, hum, yawn. A nap might not be a bad idea, since the afternoon rush was slowing down.

Brittany, Bandit, Princess and Squeaky are in the 4-H program.

Bandit, the Pygmy goat, gets his coat brushed at the Petting Zoo by his owner, Steph Glatfelter.

After cuddling by visitors to the Loganville 4-H Club's Petting Zoo, this kitten settled on the lap of member Kristy Smith for a rest.

Well, actually, their owners are 4-H members who have found a fun way to tame their project pets and, at the same time, share them with others.

These four pets are part of the Loganville Community 4-H Club's Petting Zoo. Several times each year, club leaders Dave and Marcia Albright, assisted by other club leaders and parents, take members and their animals to local community events.

Squeaky, the Southdown lamb, belongs to 4-H'er Mindy Albright. He was born in March, and is just the right size to be hugged. Children who visit the Petting Zoo like to pat Squeaky's thick, curly, wool coat.

When Mindy bought her project lamb, the name Squeaky had already been given to him by his first owner. When he's not at the club's Petting Zoo, Squeaky lives in Mindy's grandparents' barn, with Mindy's other lamb, named Fred.

Brittany is also a baby, only six months old. But this Holstein heifer is already taller than her owner, Tanya Thoman. Tanya is eight, and a first-year 4-H member.

Before the Petting Zoo, Tanya brushes and sometimes washes Brittany. She also puts the halter on her calf and takes her for walks. Being around lots of children at the 4-H Petting Zoo has helped make Brittany tame and gentle. Although she is the largest animal of the group, most children are not afraid of her, and like to stroke her silky head and neck.

Stephanie Albright, 14, owns Princess, the coal-black rabbit. Princess is not a 4-H project, but a pet only. Very gentle, she is five-years-old and has been part of many of the club's Petting Zoo events.

In fact, Princess is so tame that Stephanie often holds her like a baby, while the rabbit falls asleep. Sometimes, though, Princess hops around the fenced-in Zoo area until she finds a spot where she can wiggle through. Then, all the 4-H'ers have to play a game of Catch-The-Rabbit.

Bandit, a Pygmy goat, belongs to 4-H'er Steph Glatfelter, 15. The goat is four-years-old and has been in many Petting Zoos.

Visitors to the animals ask many questions about Bandit. They want to know what kind of goat he is, how tall he is, if he will grow bigger, and what he eats.

Steph says that Bandit is the bad boy of the pets. Sometimes he playfully chases some of the other animals, especially the kittens and puppies. But he really surprises people when he butts their legs. Petting Zoo visitors usually think that being butted by this tiny goat is funny.

Loganville 4-H Club's Petting Zoo visits elementary school May Day events, local festivals, and area nursing-care homes.

Both the 4-H members and the animals think Petting Zoos are lots of fun. So do all the children who visit them, and have the chance to touch animals that they might otherwise only see in pictures.

Brittany stretches out on the grass inside the Petting Zoo fence, with owner Tanya Thoman staying close by her heifer.

Kids, including owner Mindy Albright, love to hug Squeaky, her soft, wooly, Southdown project lamb.

Stephanie Albright's rabbit, Princess, loves being petted and cuddled like a baby.

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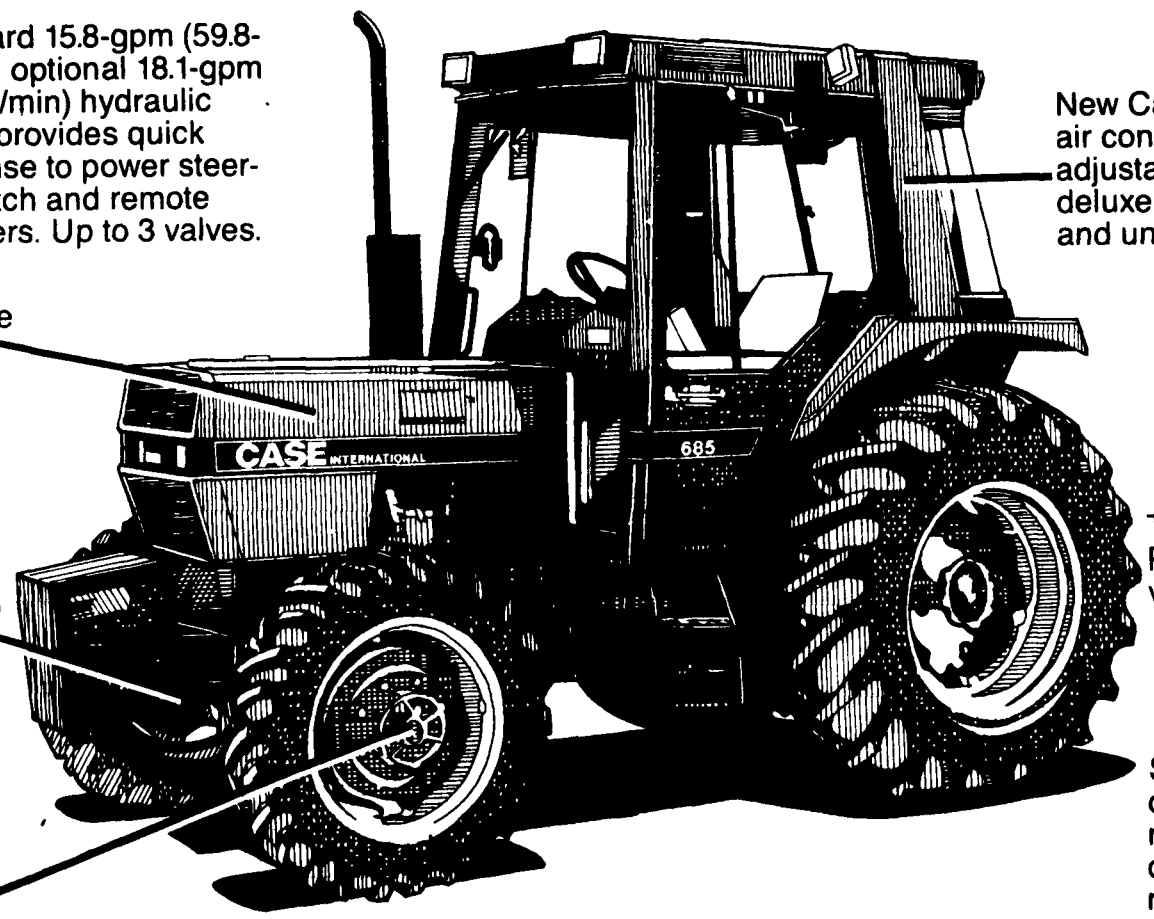

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Chester County Holds Mid-Summer Social

BY MARJORIE KEEN
Chester Co. Correspondent

CHADDS FORD (Chester) — In 1793, a Chester County summer was defined by the solar calendar, not Memorial Day and Labor Day, Lois Parker said in welcoming 4-H parents and guests to a mid-summer social celebrating the solstice last Saturday. The celebration planned by the Dilworthtown Country Crafters 4-H Junior Historians featured an 18th-century dinner served at the 1714 Barns-Brinton House in Chadds Ford. Lois leads the Junior Historians.

Because Quaker settlers in the Brandywine River Valley were English, they would have begun spring plowing on Candlemas Day, February 2. They planted peas, lettuce, radishes and rye, Lois said. By the summer solstice, they would have harvested the first cutting of rye. In 1793, the leader continued, there was a drought, followed by yellow fever.

According to Chester County 4-H Youth Agent Laurie Sicko-Sandow, hands-on history, as practiced by the 8-to-15-year old Dilworthtown Country Crafters, is the first 4-H Junior Historians club in Pennsylvania. Lois wrote the project book, Sicko-Sandow said, and is now receiving inquiries from other interested counties.

"Domestic skills of 18th century girls" is the project theme this year, said Lois. The club meets one Saturday a month during the school year and each Wednesday in summer. The Barns-Brinton House, owned by the Chadds Ford Historical Society, is the regular meeting place, although field trips are scheduled frequently.

Ray Ritchie of Cochranville has volunteered to teach boys' skills in another part of the house, Lois said. So far, the club has only girls. Ray taught them the art of making tape on an inkle loom. Clarissa Dillon, Haverford, serves as the group's historical resource person.

Clothing and dairying are the projects to be mastered by the Junior Historians this year. Beehive oven baking, butter churning, planting an herb garden, candle dipping, making redware pottery, hand milking, cross stitching a sampler and constructing 18th century clothing give the members a feel for the life that was lived 200 years ago.

Jason Ingram and Ray Ritchie demonstrate inkle loom weaving.

Carolyn Parker churns butter by the entrance to the 1714 Barns-Brinton House at Chadds Ford.

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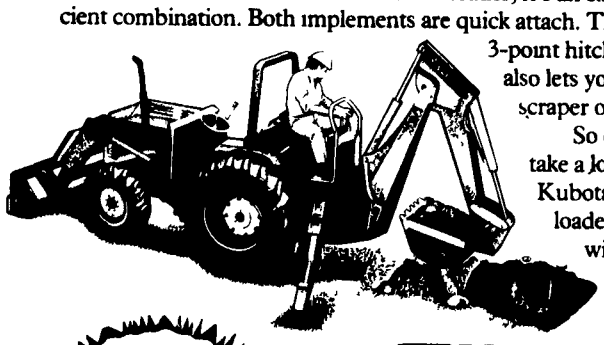

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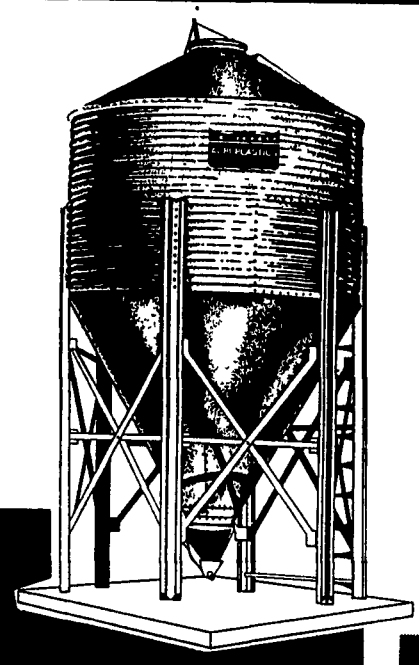

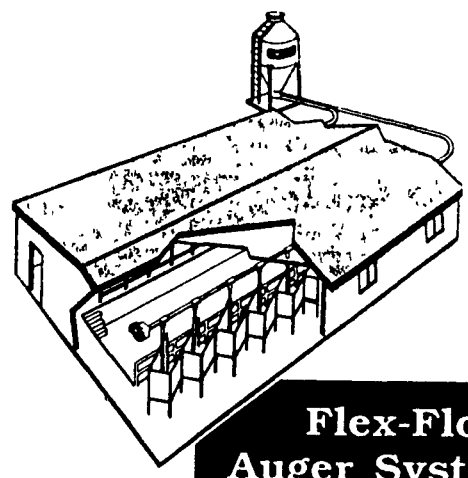

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Egg Recipe Contest Offers Cash Prizes

HARRISBURG (Dauphin) — Pennsylvanians with a flair for cooking can win a cash prize of $1,000 by mixing the secret ingredients and fashioning a favorite egg dish for the 1988 Pennsylvania Egg Recipe Contest.

The deadline for entries is July 31.

The recipe should include at least one egg per serving, although the eggs can be used in any form - fried, scrambled, poached, or baked.

In addition to earning the $1,000 state prize, the winning Pennsylvania recipe will be forwarded to the American Egg Board for national competition. National winners will be eligible for first-through-third-place awards of $4,000, $2,000 and $1,000, respectively.

There is no age requirement, but all contestants must be current Pennsylvania residents. Judges will score entries on the basis of nutritional quality, ease of preparation, taste appeal, appearance, and creativity, with each category accounting for 20 percent.

The recipes will become the property of the Pennsyvlania Department of Agriculture and the Pennsylvania Egg Marketing Association.

To enter, send recipes to: Eggs, Bureau of Market Development, Pennsylvania Department of Agriculture, 2301 N. Cameron St., Harrisburg 17110-9408.

Contestants may enter as often as they wish and submit more than one entry per envelope, but each entry must be on a separate sheet of paper with the contestant's name, address, county and telephone number typed or printed at the top.

The contest is sponsored by the Pennsylvania Department of Agriculture, the Pennsylvania Egg Marketing Association and the Pennsylvania Poultry Federation.

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Parkhill, who bases his statements on personal testimonials gathered from around the world, believes "the beautifying effects on the skin, hair, and nails, are only some of the youth restoring properties of royal jelly" Parkhill feels that after several week's use it induces a mild state of euphoria and feels it provides vital nutrition believed necessary for

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"It's a good life," the Heagys agree when talking about farming. David and his wife June are flanked by children Janet, 10; Allen, 17; (front, from left) Wayne, 13; and Marlin, 15.

Heagy Family Raises The Rafters

BY LOU ANN GOOD

LEBANON - You've heard of neighborhood barn raisings, but in Lebanon County there's a new twist to the old tradition. There, David and June Heagy and their four children are having a family barn raising.

True, it's a bit slower when it's only your family raising the rafters, but talk to anyone of the Heagy family and their enthusiasm has not waned since October when they began tearing down and transporting a neighboring barn to their farm.

"It's the variety that keeps it interesting," seventeen-year-old Allen explained. "In the beginning, we laid the block; we were glad when we could start laying the floor. Then we got tired of that, and were glad when we could put the partitions up."

Of course, the Heagys can't stop doing their daily farming chores while concentrating on erecting the barn. They have both pig and dairy operations plus 225-acres of hay, corn, barley, soybeans, wheat and rye.

It took the Heagys two months to tear down the barn that they had purchased for $1,000. They ran into some difficulties when they drilled into a rock vein while laying the foundation at the new site. "Dynamite was by far the biggest cost of building it," Heagy said. It took ten days of drilling to prepare the site.

Son Allan became the official expert at block laying and concreting the foundation, which will be used to expand their pig operation. Later Marlin, 15, and Wayne, 13, spearheaded their efforts into nailing lathe on the roof. Both also enjoy using the front-end loader to transport back fill. The barn raising isn't entirely a male project. Ten-year-old Janet plays a vital role by keeping the workers supplied with drink.

Not everything happens on site. The boys were able to combine their barn building with some ag shop projects. They cut pipe and welded gates during class time.

When the barn, which is 45x98-feet, is finished, the Heagys estimate it will be worth $30,000. In additional to the monetary savings, the Heagys talk of the satisfaction they derive from "knowing we did it."

Next school term, Allan is switching to vocational technology with a concentration on diesel mechanics. It's a planned move to make the Heagy's farm operation a continuing success. Said Dad Heagy, "I know how to do everything. I do my own machinery repair, electrical, plumbing and vet work." He wants his sons to do the same.

Trade school honed his skills. Beside being a seasonal salesman for Pioneer seed corn, David enjoys side interests like carpentry and mechanics. The Heagys make their own feed, do their own butchering and run their own saw mill.

Each son vies for the favorite spot of running field machinery. June said, "Sometimes it gives a problem because they all want to do it."

Wayne interjected, "But mom and dad decide who gets to do it and we do what we are told."

Apart from the preferred field work, each family member has their own farming specialties. "Everything seems to work out; we complement each other," June said. "The children do not like to milk, but my husband and I do."

All three teenagers are avowed farming enthusiasts and intend on making a career in farming. The long hours and hard work don't bother them." On ocassion, they get up at 1 o'clock in the morning to plant or harvest crops. Said Marlin, "I like working in the fields at night and watching fire come out of the muffler."

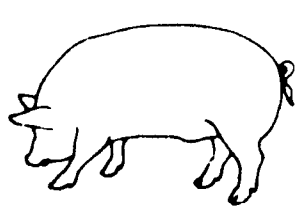
They have seven tractors that enable four drivers to keep running and allow for breakdowns. "We have a couple of John Deere tractors," Allan said, "and you don't need to know about the rest." At that remark his brothers made a few snide remarks about tractor breakdowns. Laughing about their frustrations, they find helps alleviate the trauma of broken machinery "when the stuff has got to be planted."

With the declining farm economy and his three sons determined to continue farming, is David skeptical of the future?

"No," he maintains. "I have no problem keeping them all busy." Dave and his three sons are planning for the future. They talk of buying, fixing and reselling machinery. They plan to expand their custom harvesting business.

"It's the variety that's the secret," David revealed. "It keeps farming interesting and helps you be self-sufficent. It's a good life—that's why they like it."

Heights don't deter these guys. In fact, nailing lathe on the roof was one of their favorite jobs of fifteen- year-old Marlin who is climbing the ladder.



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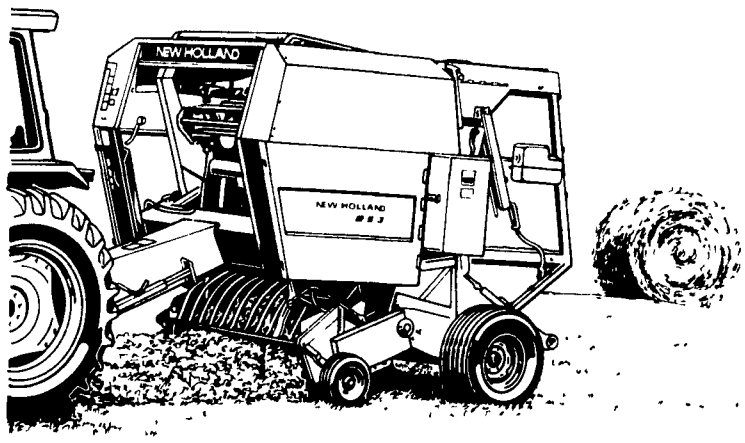

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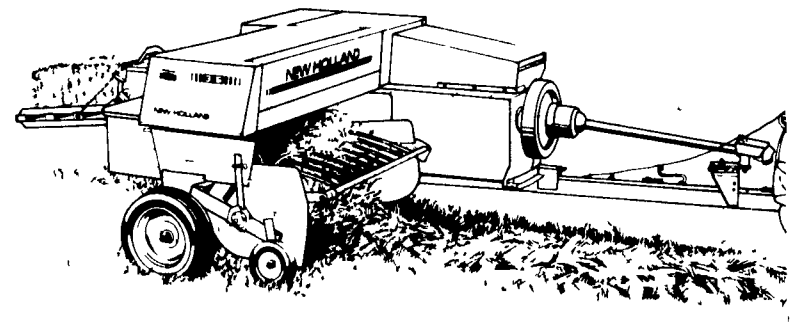

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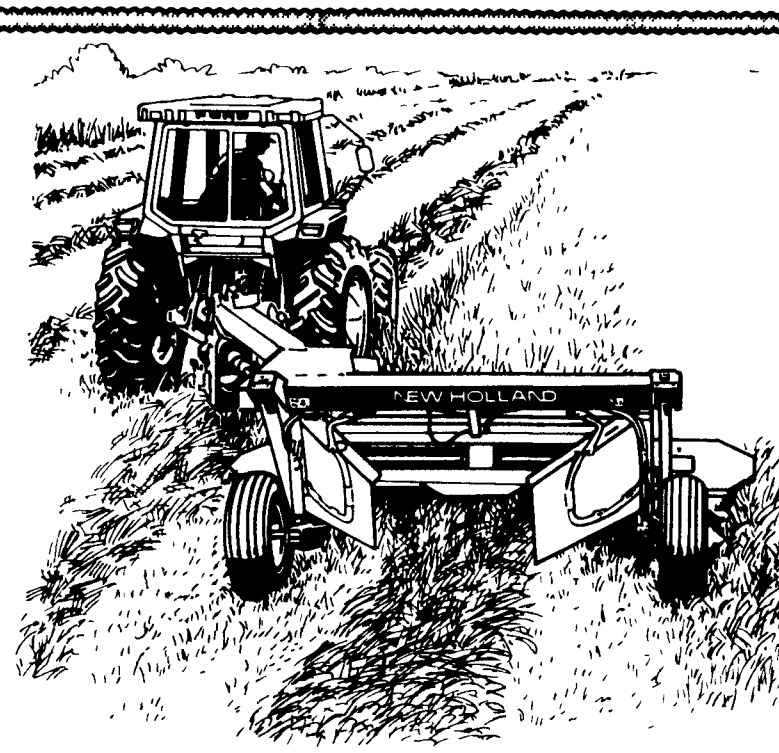

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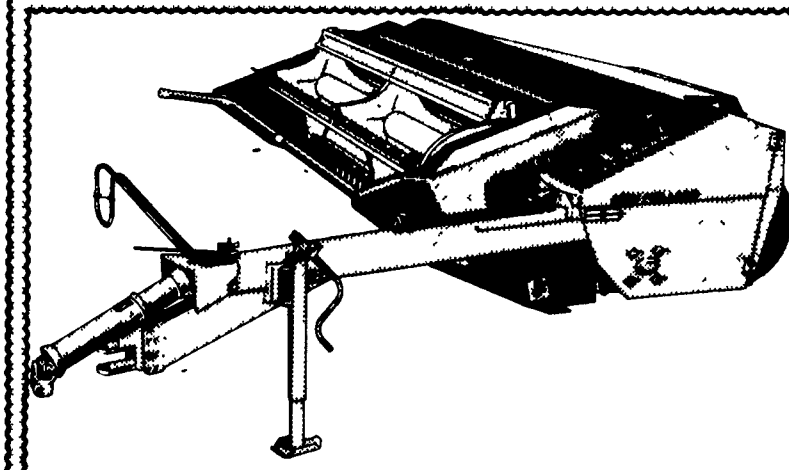

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Ida's Notebook

Ida Risser

For the last few days, I've been moving a long soaker hose around in my garden. It is not a job that I enjoy, as its muddy length gets on my clothes, but it really makes a difference in plant growth.

I've picked beans and zucchini, and the cantaloupes and watermelons have vines full of blossoms. When I come into the house my one hand usually has a variety of flowers for the kitchen table. The larkspur that grow everywhere are beautiful with their dark blue flowers. There are even a few pink ones here and there. The butterfly plant and coreopsis add a bright yellow touch.

Last week my husband and I spent a morning fishing at Blue Marsh in Berks County. It was early and no one else was on the lake when we arrived. I enjoyed seeing the fish jump out of the water and even managed to catch a half dozen. By mid-morning we were munching on the lunch that I'd packed and afterward Allen was ready to go home. But I wanted to stay another hour, even if I only caught sunfish. So, he curled up and slept on the life preservers in one end of the boat. It was a hot day, and on the way home we stopped and I bought a quart of orange juice to quench our thirst.

Recently I got to see a sawmill located in a big woods. No one was there as we unloaded cherry and walnut logs to be sawed into boards. As I walked down some of the fern-lined paths, I had an unusual thought. If I were a tree, standing a few yards from that sawmill, I would certainly fear for my life. Maybe trees cannot think or fear for their lives, but I do it for them. When the men cleared off a fence row along the meadow, it bothered me to see so many young trees destroyed. And yes, I know they hinder the growth of crops.

Tammi Sutton Gets The Job

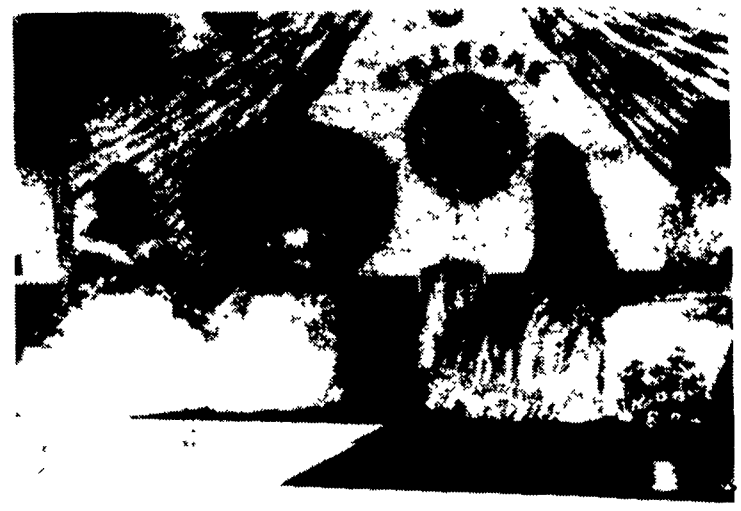
SPRINGVILLE (Susquehanna) — On June 17, Tammi Sutton walked off the Mt. View High School stage with a new job and a crown and banner to accompany it.

The seventeen-year-old lives with her parents Hewitt and Sharon Sutton on the HGW-SHA homestead where she raises three Holsteins. She works part-time at Delp's Dairy Store.

Tammi will be a high school senior this fall. Her activities include 4-H, volleyball, softball manager, wrestling cheerleader, concert and marching bands. She enjoys showing coins, swimming and walking. She is a member of Our Lady of Fatima Church in Springville.

Juliet Squier, daughter of Frank and Marilyn Squier, was named alternate.

Gail Carpenetti, 1987 county dairy princess gave a farewell speech. The pageant ended with a receiving line for the new princess and with refreshments.



Tammi Sutton, center-right, listens as she is pronouced the 1988 Susquehanna Dairy Princess. Juliet Squier was named the alternate dairy princess. Left is Gloria Chidester, 1987 alternate, and Gail Carpenetti, 1987 dairy princess.

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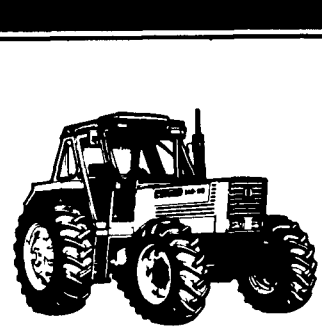

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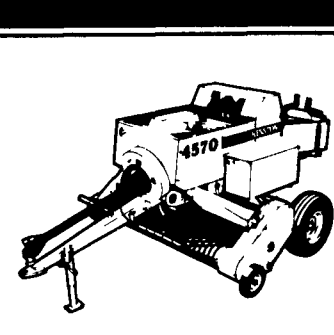
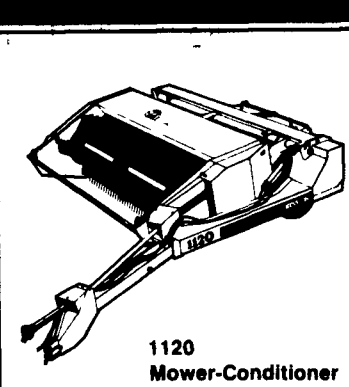
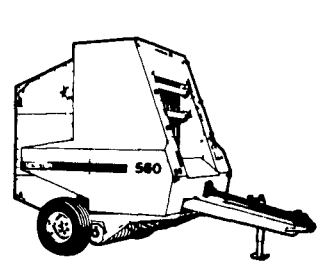


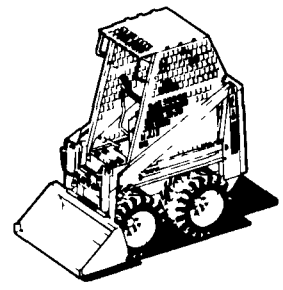
4570 Small Square Baler



1120 Mower-Conditioner



560 Round Baler



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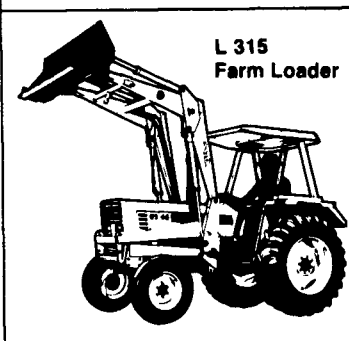

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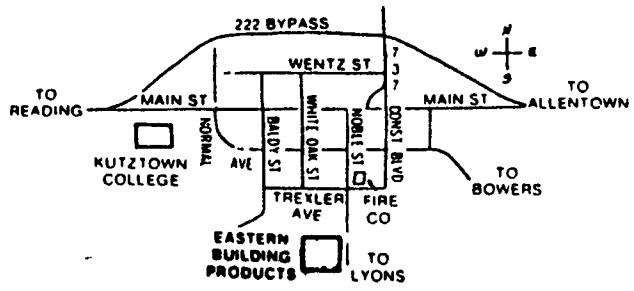

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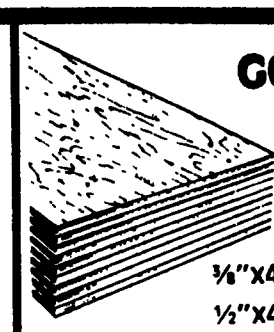

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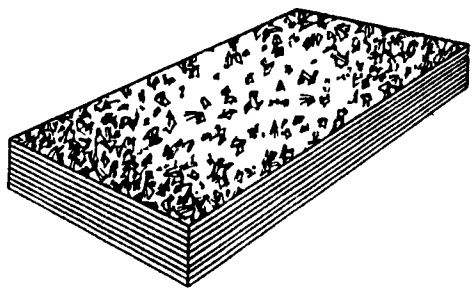

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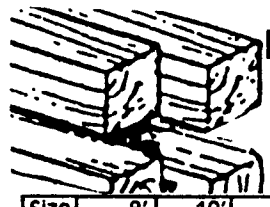

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Size	8'	10'	12'	14'	16'
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4x6	$7.29	$8.39	$10.69	$13.15	$18.05
6x6	$13.79	$16.89	$19.95	$21.55	$23.70

Size	18'	20'	22'	24'
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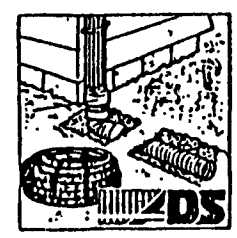

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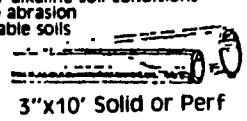

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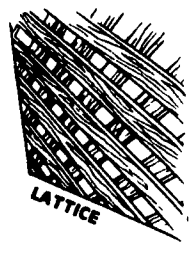

2'x8'..... $6.49
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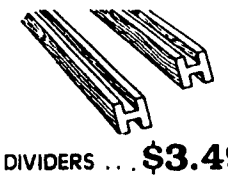

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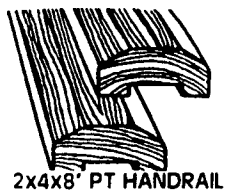

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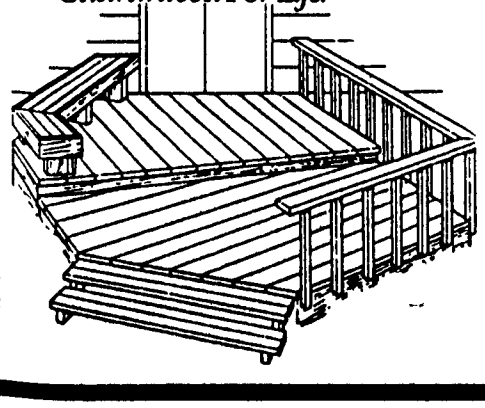

PRESSURE TREATED SOUTHERN PINE WITH .40 RETENTION

#2 FRAMING LUMBER

Size	8'	10'	12'	14'	16'
2x4	$2.19	$2.75	$3.69	$4.55	$5.15
2x6	$3.69	$4.10	$5.59	$6.75	$7.85
2x8	—	$5.99	$7.99	—	$8.38
2x10	$6.05	—	$10.59	—	$16.49
2x12	—	$10.75	$13.99	—	$21.99

PREMIUM GRADE DECK BOARDS

Size	8'	10'	12'	14'	16'
5/4x6	—	$5.65	$6.85	—	$9.65

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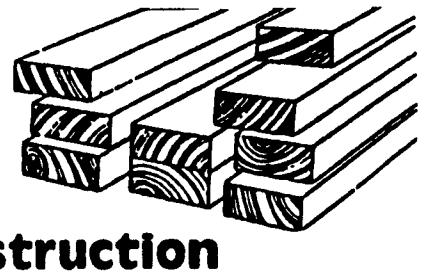

#2 Construction FRAMING LUMBER

Size	8'	10'	12'	14'	16'
2x4	$1.80	$2.40	$2.89	$3.35	$3.99
2x6	$3.00	$3.69	$4.35	$5.09	$5.95

MICROWAVE MINUTES

By JOYCE BATTCHER

BY JOYCE BATTCHER

Muffins have been popular for years, but Hannah Glasse -- author of a 1747 American cookbook -- would never recognize them today. Hannah's muffins were dry and plain, with a baking powdery taste. They baked for 25 minutes in a 400 degree oven. Today's muffins are moist with a natural sweetness from fruits and nuts. They micro-cook in about four minutes.

Microwave muffins can be made in small custard cups, with or without a paper cupcake liner. But for convenience, a microwave muffin pan is best. Most pans are round with six muffin cups arranged in a circle. In some brands, muffin cups have holes in the bottom, to allow excess moisture to escape after cooking. With these, muffins can cool in the pan. Muffin cups without holes should be lined with two cupcake papers to help absorb excess moisture; or after two minutes standing time, muffins should be removed from the cups. Fill cups half to two-thirds full depending on the recipe. If cups are fuller, muffin batter cooks over the sides. With a thick batter containing a large amount of fruit and moist ingredients, like **Minnesota Muffins** (below), fill cups two-thirds full. With a thinner batter, like **Pumpkin Apple Muffins** (below), fill cups only half full.

Most microwave muffins need a bit of added color on top. Before microwaving, sprinkle with any of the **Muffin Toppings** below or with finely chopped nuts. The plain **Sugar-Cinnamon Topping** when sprinkled on both before and after microwaving makes an attractive almost-glazed topping. **Wheat Germ Topping** is a good choice if you're trying to eat less sugar.

Microwave muffins on High. Time varies according to the recipe and to your microwave's wattage. Generally, cooking time for six muffins is 1½ to 2½ minutes in a 625 to 725 watt microwave. Figure about half that time for two or three muffins. For a lower wattage microwave oven, time for six muffins is about 2 to 3¼ minutes.

Muffins are done when the tops just barely lose their moist look. With a muffin like **Minnesota Muffins** (below), pieces of fruit on top may still be slightly moist when removed from the microwave. Muffins continue to cook for a minute or two after microwaving, so allow for that. Experiment with the first panful, cooking the least amount of time.

If you have a favorite conventional muffin recipe, it may or may not adapt well to microwave cooking. Not all conventional muffin recipes are the best when microwaved -- some are dry tasting, even if they aren't cooked too long. Some have a very light cake-like texture, or a pastry or undone taste. But whenever you bake muffins, try two or three in your microwave. If they're good, you can save time and keep cool next time by microwaving the whole batch.

Minnesota Muffins

2 cups grated carrots
½ cup grated unpeeled apples
½ cup chopped nuts
½ cup grated or flaked coconut
½ cup raisins (chop, if desired)
¾ cup all-purpose flour
¾ cup whole wheat flour
½ cup bran cereal
1½ teaspoons baking powder
1½ teaspoons cinnamon
¼ teaspoon salt
½ cup margarine or butter
½ cup packed brown sugar
3 eggs
2 teaspoons vanilla
Muffin Topping (below)

Mix together carrots, apples, nuts, coconut and raisins; set aside. On waxed paper or in separate bowl, stir together flours, bran cereal, baking powder, cinnamon and salt; set aside. Melt margarine in microwave-safe mixing bowl; stir in brown sugar, eggs and vanilla until smooth. Stir in flour mixture until well mixed. Stir in fruit mixture, mixing well; do not beat.

Prepare microwave muffin pan by lining each cup with a paper baking cup. Fill each cup about ⅔ full. Sprinkle top of each muffin generously with a topping (below). For each panful of 6 muffins, microwave (High) 2 to 2½ minutes, rotating ½ turn, if necessary, after 1 minute. Cool about 2 minutes before removing from cups. Repeat with remaining batter. Serve warm. Makes about 22 muffins.

Each muffin: 172 calories, 3g protein, 10g fat, 20g carbohydrate, 101mg sodium, 32mg cholesterol.

Pumpkin Apple Muffins

½ cup sugar
⅔ cup all-purpose flour
½ cup whole wheat flour
½ teaspoon baking soda
¾ teaspoon cinnamon
¼ teaspoon nutmeg
⅛ teaspoon allspice
¼ teaspoon salt
½ cup oil
2 eggs
¾ cup cooked mashed pumpkin
½ cup finely chopped unpeeled apples
½ cup raisins (chop, if desired)
⅓ cup chopped nuts
Muffin Topping (below)

In mixing bowl, combine all dry ingredients; mix well. Make a well in center of dry ingredients. Add oil, eggs and pumpkin; mix until ingredients are just combined. Gently stir in apples, raisins and nuts; mixing until just combined.

Prepare microwave muffin pan by lining each cup with a paper baking cup. Fill each cup about ⅔ full. Sprinkle top of each muffin generously with a topping (below). For each panful of 6 muffins, microwave (High) 1½ to 2¼ minutes, rotating ½ turn, if necessary, after 1 minute. Cool about 2 minutes before removing from cups. Repeat with remaining batter. Serve warm. Makes about 18 muffins.

Each muffin: 139 calories, 3g protein, 8g fat, 17g carbohydrate, 120mg sodium, 33mg cholesterol.

Muffin Toppings

Sugar-Cinnamon Topping: Stir together 2 tablespoons granulated sugar and 2 teaspoons ground cinnamon. Sprinkle on muffins, coffeecakes and quick breads before and immediately after microwaving. Store any leftover mixture in tightly covered jar.

Brown Sugar Topping: Stir together ¼ cup packed dark (or light) brown sugar and 1½ teaspoons ground cinnamon. Use as above.

Wheat Germ Topping: Stir together ¼ cup wheat germ and 1 teaspoon ground cinnamon. Use as above, but store leftover mixture in refrigerator.

Joyce Battcher is an independent home economist specialist. She is author of "Microwave Family Favorites" and editor of "A Batch of Ideas" newsletter

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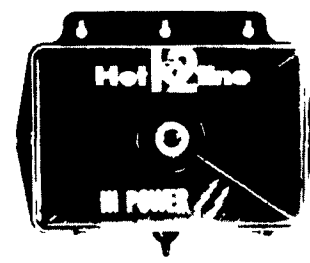

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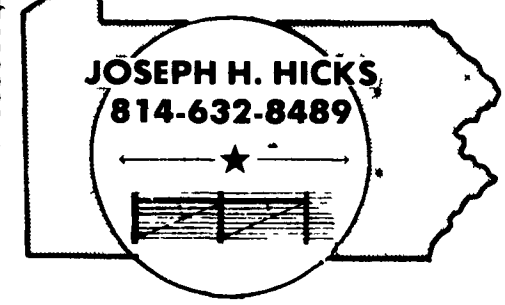

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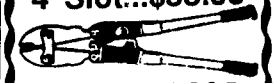

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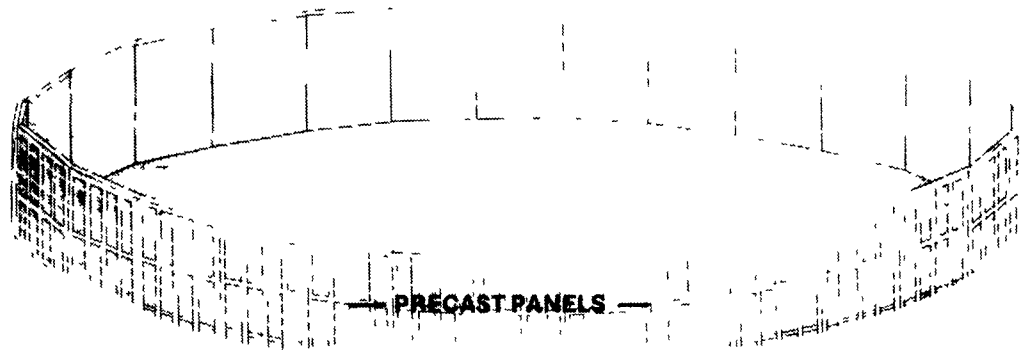

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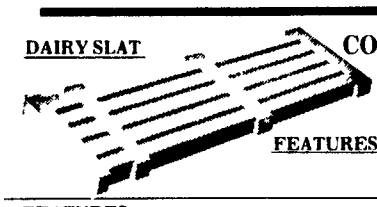

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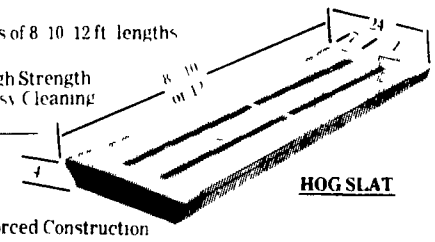

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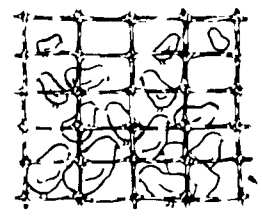

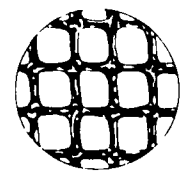

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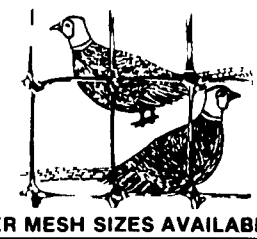

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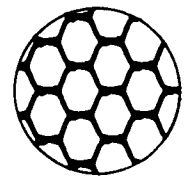

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8 CATTLE

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Heavy Belgian Registered farm horses Also Registered heavy stud horse. Some mares w/yearlings 1 saddlebred & 2 mules. Ask for Jake. 717-359-7985

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Miniature donkey, 3 yrs, good conformation, 33¼" tall. Quiet, likable Jack or Gelded Your choice B O. Tioga Co 814-326-4693 eves

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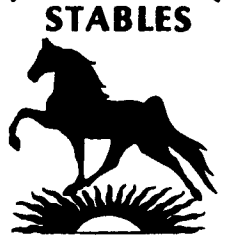

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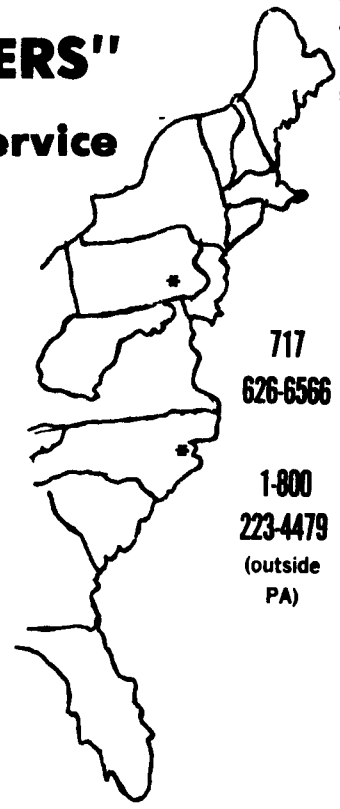

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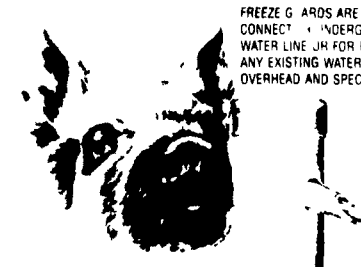

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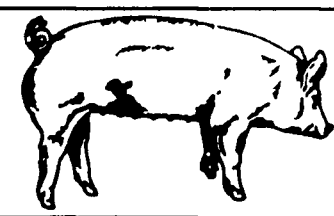

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40 Bred Gilts - 10 Boars

Saturday, July 16, 1988

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"Sale Catalogs Available Upon Request Only"

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Bred Gilts - Boars - Open Gilts

Educational and Adult & Junior Judging Contest
Thursday, July 14, 1988
at 1 P.M.

Show And Sale
Friday afternoon and evening
July 15, 1988
Show at 3 PM
Sale at 6:30 PM

Show and Sale to be held at the Lebanon Area Fairgrounds, Lebanon, PA 17042

Judge: Ron Trostle
Auctioneer: Harry Bachman #AU-000-33L

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Contracting: Barley, Wheat, Corn & Soybeans. Storage also available

WANTED
High Moisture Shelled Corn
Must be good quality - No dark kernels
Will pickup - Prompt Payment
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Keystone Mills
Needs Your Barley
Prices Change Daily.
Please Call For Our Quote.

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—Serving Agriculture—Since 1894—

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Ephrata, PA 17522
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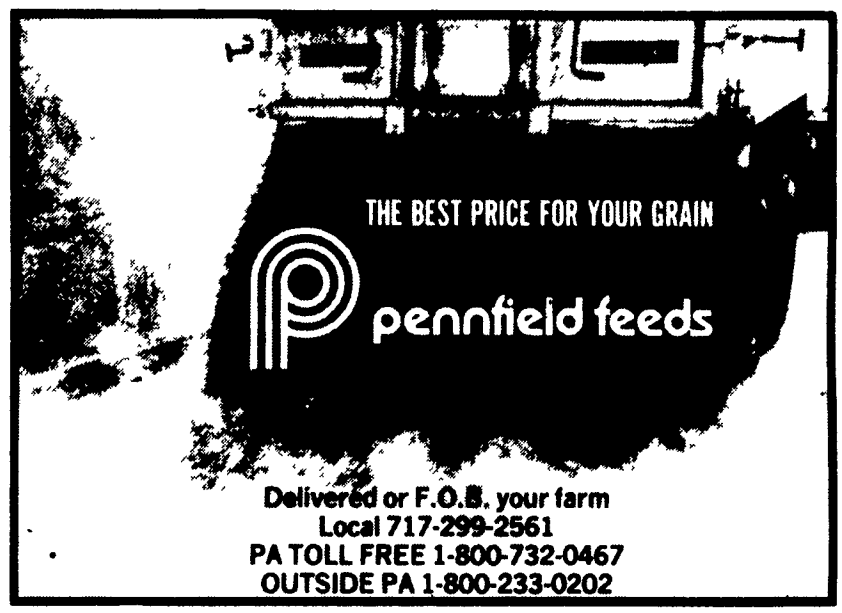

Delivered or F.O.B. your farm
Local 717-299-2561
PA TOLL FREE 1-800-732-0467
OUTSIDE PA 1-800-233-0202

DAIRY FARMERS ATTENTION!
"NATURE'S LITTLE DAIRY PELLET"™
WHOLE COTTONSEED FOR FEED

If you have ever considered whole cottonseed, now is the time! Whole cottonseed is a high fiber (average analysis 24%), high fat (average analysis 17%), high protein (average analysis 21%), high net energy food source. Keep your cows in peak condition during the hot summer months with the use of whole cottonseed. Picked up or delivered your mill or farm, availability guaranteed.

Check Our Prices For 48% Soybean Meal, Corn, Cottonseed Meal and Northern Cereal Grain Screening Pellets (a corn/barley replacement)

Agmark Intermodal Systems, Inc.

For More Information
Call Mary Beth Hagemeyer
717-848-5004
350 N. George St.
York, PA 17403

PA Watts: 800-424-7770 US Watts: 800-424-6275

15 FEED & SEED

Corn silage, Chester County, Oxford area $20 per ton at farm 215-932-2048 or 4827

Hay $1 25 a bale You haul Lehigh Co 215-967-3878, 7 to 9AM

Excellent 1st crop alfalfa, $75/ton, Mixed hay, $65/ton, at the barn 814-349-8922

FOR SALE Bread and candy biproducts For more information phone 717-469-0887

30 ton alfalfa, '88 crop, $70/ton Chester Co , Coatesville 215-383-9583

32% liquid protein, wholesale/retail from manufacturer Dealer inquiries invited Call collect, 301-343-0343

Bright Wheat Straw for sale Stump Acres, 717-792-3216 York County

Buckwheat For Sale, cleaned & bagged Call after 8 a m 215-298-2754

WANTED Large quantities mulch hay Buying and Selling all types hay, straw and grain in NY and PA Frank A Bloom, Dundee, NY. 607-243-8448, 607-243-8400

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ATTENTION DEALERS!
Extra nice alfalfa for sale. Also extra nice timothy.
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Choice Timothy & Alfalfa, Timothy & Clover and Timothy Hay
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Something for everyone.
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Wrap Those Dry Round Bales Economically! Especially This Year

Our Power Spear is sold by others for $1000 or more.

Our Price **$795**

6000-ft. x 20-in. x .001 Bale Wrap Roll $82.50
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See Us At Ag Progress Days

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Top Alfalfa Grass Mix Hay for Horses.
Also buying clean wheat or rye straw. We also can market your straight Alfalfa Hay.
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MIDDLE EARTH FARM
Is selling good quality hay and straw, small or large loads.
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We Want To Help You Reduce Your Feed Costs
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By Products from the brewing food and other related industries represent a valuable source of nutrients Miracle Feeds markets these by products both in Canada and the United States
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WHAT ARE WET BREWERS GRAINS?

In the brewing of beer only the highly digestible barley and other cereal grains are used Wet brewers grains is the portion of the grain that remains after the extraction of carbohydrate that takes place in the brewers process They provide protein fat and undegraded carbohydrates as well as essential minerals

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HIGH FEED COSTS?
WOULD CORN SILAGE LIKE THIS INTEREST YOU?
- ✔ True Protein Increased 25-50%
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- ✔ Less Heating - Less Spoilage

Our Customers Are Reaping These Profits From
"Cold-Flo™" Silage Treatment
FDA Approved.
- Cost Per Ton About $1.25 Retail
Plan Now For Next Year's Feeding Profitability
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"Programs For Profit With Anhydrous Ammonia"

16 FERTILIZER

M.H. Martin Co.
Lancaster County, PA
717-738-1312
Mushroom Garden Mulch

1,000 bu. load	$130.00
500 bu. load	$100.00
300 bu. load	$75.00
100 bu. load	$50.00

Have a nice day.
South of New Holland and West of Brownstown is more money.
$10 per ton for Poultry Manure
Hardwood Shrubbery Mulch
Call For Price

16 FERTILIZER

Broiler manure for sale, approx 15 to 20 ton, every 8 weeks, next clean out first week in August Write to John K Zook, RD #2, Box 330, Montgomery, PA 17752

16 FERTILIZER

BROILER MANURE FOR SALE

* Delivered in 22 ton loads
* Custom Spreading Service Now Available
* Mushroom Soil Available Large or Small Quantities

Penn Ag Products, Inc.
New Holland, PA
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STRIKE IT RICH!

SELL IT WITH A LANCASTER FARMING CLASSIFIED

MILK AMERICA'S HEALTH KICK

MUSHROOM SOIL

700 Bu..	$100	West of Lanc..	$115
400 Bu..	$ 80	West of Lanc..	$ 90
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Carl Garman
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Bark Mulch Also Available

NEED LIME?!

CALKO® = LIME PLUS FREE POTASH & SULFUR!

High Quality Lime Plus 50-60 Lbs. of Potash (Worth $7.00) & 80-100 Units of Sulfate (Worth $12.00) In Every Ton
University & USDA Tested and Proven!

COMPARE OUR ANALYSIS

75% CCE	40% Calcium Oxide
3% Potash (60 lbs.)	4.6% Sulfate (50 lbs.)
ENP 64 (Damp)	80% thru 100 Mesh (Damp)
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We Deliver!
Only $6.00/Ton F.O.B. Stockertown, PA

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17 PLANTS

For Sale: Cabbage, cauliflower and broccoli plants. 717-656-9766.

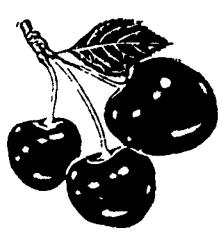
PIK-RED tomato plants for sale, bar root $25 a thousand Goodville, 215-445-4852.

18 FRUITS & VEGETABLES

"RAAB FRUIT FARMS" have ACRES of "PIE CHERRIES" and BLACK RASPBERRIES almost ready for your picking READY picked too! Price and quality worth waiting for! Beautiful, young, well-kept orchards! No ladders required Call RAAB FRUIT FARMS, 717-244-7157 for updated information

WANTED. Supplier of quality sweet corn in Chester Co. or Lanc Co for my busy stand Call 215-353-7304 or 215-356-6873 Evenings

18 FRUITS & VEGETABLES



DELICIOUS SWEET CHERRIES ARE READY TO PICK!!!

Large Dark and Light Cherries - Also Red Pie Cherries

PICK YOUR OWN!
PAY BY THE POUND
Bring your Containers, Picking Straps and Rubber Solded Shoes

NOW PICKING
Daily 7 a.m. to 7:30 p.m.
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Farm #3 5 miles south of Lancaster, PA on the New Danville Pike (PA Rte. 324)
Farm #2 Long Lane ½ mile west of New Danville Pike
Phone 717-872-9311

18 FRUITS AND VEGETABLES

GROWERS AND FARM STANDS IT'S TIME TO START LOOKING AT YOUR PACKAGING NEEDS BAGS, BOXES AND SUPPLIES

We have bags and boxes that will give your produce the "FRESH" look. We carry VEXAR MESH BAGS - POLY BAGS - PAPER POTATO BAGS - All Sizes. CABBAGE BOXES - ALL TYPES OF VEGETABLE BOXES - In Stock And Made to Order With Your Name. Strawberry boxes - trays - Pints and Quarts Rubber bands, wire ties, twine, etc. When it comes to packaging we're your #1 Source for Everything

WASSERMAN BAG CO., INC.
70 Commerce Place, Hicksville, New York 11801
Call Charlie or Rich TOLL FREE 1-800-634-3828
OVER 60 YEARS OF CONTINUOUS SERVICE

19 NURSERY

1987 FARMHAND TUB GRINDER
Used one season, set up to grind bark mulch & wood chips, 2 to 3 cu. yd. per min. capacity, good condition $14,500
Martin Mulch
Lancaster Co. 717-733-1602

20 LAWN AND GARDEN

Dixie chopper commercial mower/vacuum, 60" cut, 24 h.p. Onan, Zero turning radius, only 400 hrs , extra parts. Cost $7,800 Sell $4,800 717-677-6721

Economy Power King lawn & garden tractor w/48" mower & rear mounted cultivator, completely rebuilt, in excellent condition, $1,500 or Best Offer 717-872-5924 No Sunday Calls.

15 gallon pull type sprayer, ideal for trees & lawn care, $299 717-569-3359 Evenings.

16 hp Ford, 50" mower, fully hydro , very good condition, $1595 215-799-3283

1984, 1822 dsl Grasshopper, 18HP, Kubota dsl engine, mower 52" cut w/ blower & bagger, 800 hrs , excellent condition $3895 Lanc Co After 6 30PM, 215-445-7996.

21 SERVICES OFFERED

BRADFORD'S HOOF TRIMMING 301-378-4603. Leave Message.

PROFESSIONAL HOOF TRIMMING. Over 20 years experience Fast and accurate work. 70-100 cows per day. Increases milk production Easy and gentle on the cows and farmer No assistance needed 717-755-0770 or 717-757-3378. Satisfaction guaranteed.

Soybean roasting on your farm. Dale L. Schnupp, RD 6, Lebanon, PA 17042 717-865-6611.

Farm machinery repair Machine shop service Control wiring. Excavation work 717-354-4059

CLIPPER BLADE SHARPENING
Mail blades enclosing $2.50 per set plus return postage, $3.00 for dog clippers. These blades are guaranteed to be sharp. Send to
Aaron E. Beiler
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New Holland, PA
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CUSTOM FARMING
Harvesting of rye, hay and corn. Corn planting. Liquid manure hauling. Rye and hay mowing. Combining of small grains, corn and soybeans.
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Lanc. Co.

Cash Buyer of Standing Timber

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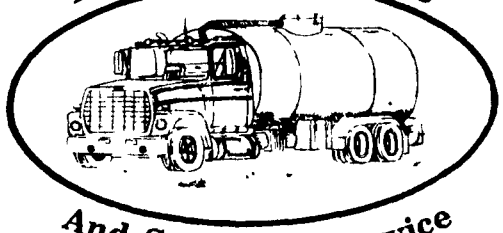
Logging and Timber Management
1148 Pilgrims Pathway
R D #2
Peach Bottom, PA 17563
(717) 548-3422 or (717) 548-3428

21 SERVICES OFFERED

Liquid Waste Hauling



And Spreading Service

Specializing in:
- Lagoons
- Pits; etc.

Lagoon and Pit Pumps Available

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Phone: 717-933-5741

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CUSTOM COMBINING. Barley, wheat and oats with a 10 mile radius of Parkesburg, PA Trucking available Call evenings 215-384-0583 or 857-9181

CUSTOM BAGGING: Haylage, corn silage and high moisture corn w/ motorized machine. 717-949-2366.

For Rent or Services Offered No till grain drill, chopping & plowing, picking corn 215-932-2778

CUSTOM BAGGING
8' and 6' bags
Stoltzfus Custom Bagging
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853 NH
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Custom Bagging
Ryelage Haylage Silage Hi Moist Corn
For Scheduling Call:
717-665-7471
"Alfalfa Sugar Testing Available"

CUSTOM COMBINING
Small grains & corn
Grantville, Shellsville area.
Trucking available
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Manure Loading
Material Handling

Serving: Dairy, Beef, Poultry & Swine Operations

Construction Jobs Performed
Work Completed Promptly At Affordable Rates

RD #2 Box 5
Wrightsville, PA 17368
Telephone
(717) 252-3794

23 HELP WANTED

Position just available on 70 registered cow Lebanon County farm Some field work included Experience and references needed Excellent salary, housing & benefits. 717-273-5293

Prefer Christian single or small family for vegetable grain farm, field work, mechanical knowledge, dependable. Call after 8pm, 717-467-2746.

Wanted. Farmer with dairy experience to operate complete farm including field work Benefits include housing plus medical and dental coverage Reply to: Lancaster Farming, P.O. Box 366, L-166, Lititz, PA 17543.

Workers needed at local nursery No experience necessary. References required. Both full-time and part-time positions available. For more information call 717-464-3574.

23 HELP WANTED

Experienced herdsperson for 120 cow registered Holstein herd in SE Frederick County, Maryland Good salary, housing, and other benefits References required Write Lancaster Farming, PO Box 366, R-134, Lititz, PA 17543

Experienced John Deere combine operator needed for corn & wheat season Full time or part time Apply Vonnies Farms, 301-778-5300

Experienced roofing & siding applicators needed Good pay & benefits Call 717-392-3180

FARMHAND Experienced person for general farm with beef & hogs, good salary, house & excellent benefits References required Send resume to Lancaster Farming, PO Box 366-A-171, Lititz, PA 17543

FARM HELP Person wanted w/ experience in milking to work on dairy farm Husband & wife or father & son team preferred Warren Co, NJ 201-859-1731

FARM HELP WANTED Northern Virginia area House available, references required Call collect, 703-955-3351

Farm help needed, full time, diversified operation needs experienced individuals for our cropping operation For more information call or write Starkey Farms Co, Inc, PO Box 250, Galena, MD 21635, 301-648-5105

Friendly Home Parties has openings in this area for managers and dealers Free training Commission up to 25%, highest hostess awards, no delivering or collecting, no handling or service charge Over 800 dynamic items of toys, gifts, home decor and Christmas decor For free catalog call 1-800-227-1510

Herdsperson for 100 cow milking herd Experience a must Prefer married Living quarters included Good position for the right person Winding Brook Farm, Warrington, PA, Bucks Co 215-348-5514.

Young person for full or part-time farm work. Near Manheim.
Clyde M. Buchen
717-665-4339

Part time help wanted to bale straw. Excellent pay. Truckers wanted to haul straw. Also straw for sale.
Maplehofe Inc.
717-786-4580

Experienced farm equipment operator/mechanic for beef farm. Responsible for planting & harvesting grain & hay crops, maintenance & repair of farm equipment, welding & experience w/diesels necessary. Salary plus benefits & housing.
Windy Hill Farms
Box 245
Titusville, PA 16354
814-827-7212

Full-time tractor trailer driver wanted for local egg pickup Class 3 license required Benefits include medical coverage, profit sharing, retirement plan, uniforms and paid expenses Apply to AgriGeneral Corp, 631 West Orange Street, Lititz, PA 17543, between 8AM & 4PM

GENERAL FARM HELP WANTED. Responsibilities include some milking, field work, and repair work Bradford Co 717-549-2389

Herdsman wanted for large Southern Chester Co dairy Experience in AI and herd health Call 215-274-8710 After 5, 215-274-8191

Person wanted to work on general and dairy farm Prefer Christian man w/ family House available York, RD Stump Acres 717-792-3216

LOSERS WANTED Lose up to 29 pounds this month, cellulite, inches Dr recommended! I lost 50 lbs Incredible fat absorber Free shipping Call Amy 303-989-8311

Orchard equipment operator, must be reliable, experienced in tractor operation helpful, full time with benefits Apply Ontelaunee Orchards, Inc, Rt 61, Leesport, PA 215-926-2187, ask for Steve

Person to work on dairy farm, must have experience with milking cows & operating farm equipment Trailer provided York Co, Delta, PA 717-456-7372

Person to operate portable seed cleaner on the farm, July, August, September Farm experience preferred Must supply pickup truck Lancaster, York & Lebanon Counties Reist Seed Co, Box 155, Mt Joy, Pa 17552 717-653-8078

Reliable willing person to work on tree farm Experience w/small farm machinery & repair helpful Some sheep work Long term relationship possible Honey Brook area 215-273-3032

Reliable person w/heavy pickup or light truck capable of towing trailer to haul produce Apply to Henry S Beiler, 281 Christiana Pike, Christiana, PA 17509 or call 717-786-8500

Help Wanted
Individual with good mechanical ability to install agricultural related equipment. Welding experience preferred. Wages commensurated with experience. Benefits.
Call 717-656-0140
for appointment

Farm worker or (couple) responsible, energetic, skilled in all phases of dairy operation & general farming. Good pay/housing for good worker (couple). References required.
Seneca Falls, NY
Seneca County
315-568-9958 Leave Message

Help Wanted
Experienced Mechanic - Part Time or Full Time
Call For Appointment - Ask For Kermit or Ronald
KERMIT K. KISTLER, INC.
Lynnport Pa. 215-298-2011

Maintenance Person Wanted
32-40 hour week. Knowledge of plumbing, electric, carpentry and general repairs.
Root's Country Market And Auction
RD 7, Box 124
Manheim, PA 17545
717-898-7811
Monday thru Thursday, 8:00-4:00

FEED TRAILER DRIVER NEEDED
with a Class III License & at least 1 year's experience.
a. Make up to $25,000 annually if you can work 55 to 60 hrs./week
b. Complete hospitalization covers everything essential to your health after you pay first $150 per year. Including eye, dental, maternity care
c. Vacation pay & other benefits
d. Steady year-round work - no slow seasons
717-859-2324
between 7 AM & 10 PM
No Sunday Calls Please

WHEN SEEKING A CAREER AS AN AGRICULTURAL PROFESSIONAL
Contact the Agricultural Employment Specialists
NORTHEAST
Agri-Employment Services
P.O. Box 233
Roaring Spring, PA 16673
(814) 224-4542
* An employer fee paid agency

Immediate Opening
for farm laborer and herdsperson on large Berks County farm. Must be reliable and serious. Excellent wages and benefits. Must be available to start by August 8.
Please Call
215-689-4247
after 5 PM - Ask for Scott

RN's & LPN's
Needed for Hospital Staffing and Private Duty
SALARY RANGE
$13 - $21 An Hour
Work Available In Your Area
9 AM - 5 PM M-F: Est.
BEST CARE NURSING, INC.
1-800-346-5927

FARM MANAGER
for Ottsville, Pa. farm. Responsible for dairy care & maintenance of 1,000 head of livestock & light field work. Good animal husbandry technics & basic tractor experience required. Competitive salary & benefits. Will help with housing.
Arby-Dobb Farm
271 Farm School Rd.
Ottsville, PA 18942
215-795-2968

Working herdsperson needed for large dairy farm in Northern VA. Candidate must have successful AI experience, manage health of Holstein herd, supervise barn crew and be able to milk shift if necessary. Salary & benefits commensurate w/experience, housing & utilities provided.
703-338-3827

AI Employment Opportunities
Responsible and motivated persons who seek a rewarding and progressive career working with people are welcome to apply for work in artificial insemination sales and service for cattle. Preferred: ag background, safe driving record, willing to relocate in PA, education and/or experience given positive consideration. Compensation: above average income, fringe benefits, equipment provided, paid training, travel allowance. Mail resume to:
Atlantic Breeders Cooperative
1575 Apollo Drive,
Lancaster, PA 17601

WANTED: SWINE PRODUCTION HERDSPERSON
To work in large confinement unit in Lancaster County, PA. Competitive wage, plus benefits. Experience not necessary, but must have the desire to learn.
Call 717-627-2850 or
717-627-2787

POULTRY CATCHERS
Full time persons are needed to catch & load broiler chickens. Openings are on the night shift. Company pays time & a half for all overtime hours. We also offer a full range of benefits including medical & dental insurance plus paid holidays & vacation. Interested persons should apply at:
PENNFIELD CORPORATION
711 Rohrerstown Rd.
Lancaster, PA 17604

Country Meadows of Lancaster, a retirement assistant living community
DIETARY AIDE
Country Meadows of Lancaster requires the service of a dietary aide to assist in preparing and serving meals and assist with normal dietary functions. We are seeking a caring person who sees meals as a vital part of enjoying life for the residents of our community. Applicants should have a desire to learn from our experienced cooking staff--the high quality of preparation and service that is our Country Meadows standard.
Secure job application by calling
717-392-4100

Dairy Equipment Service Person Position Available
Large, expanding dealership with opportunity of advancement. Guaranteed salary. Health insurance. Life insurance, Paid vacations. Paid Holidays. Retirement Plan.
Send resume to:
Lancaster Dairy Farm Automation
RD 5, Box 184
Manheim, PA 17545
or call
717-665-7300

FULL TIME EMPLOYMENT
Various Positions
Excellent Benefits
Apply
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500 Running Pump Rd.
Lancaster, Pa.

PENNSTATE

AGRICULTURAL MARKETING AGENT LEHIGH COUNTY COOPERATIVE EXTENSION

Responsible for serving a multi county area to develop educational programs in the area of direct and indirect marketing of agricultural products Minimum requirements include a Bachelor's degree or Master's degree in agricultural marketing agricultural economics or business marketing Related work experience is preferred

The Lehigh County Cooperative Extension is a unit of Penn State and as such offers a competitive salary and a liberal benefits package

Send letter of application resume and salary requirements to Human Resource Services 307 Agricultural Administration Building Dept LE The Pennsylvania State University University Park PA 16802 Application Deadline July 15 1988

Applications are also available at the Lehigh County Extension Office

An Affirmative Action Equal Opportunity Employer Women and Minorities are Encouraged to Apply

23 HELP WANTED

Sell Animal Health Supplies
farm to farm.
Must have dairy farm experience and be aggressive. Guaranteed salary plus commission and excellent benefits.
Call
Animal Medic, Inc.
717-266-5611

EXPERIENCED EQUIPMENT OPERATOR
Southeast New York Area
With mechanical & welding background on a beef farm. House, good benefits & salary negotiable.
914-631-1154

24 SITUATIONS WANTED

Married man with mechanical ability desires work on small to mid size dairy or general farm. Need good house and working conditions Would like to own a few cows. Prefer Franklin or surrounding county 717-765-4881

Ornamental Horticulturist will work on your estate in exchange for use of a clean, attractive house & small plot of land 302-736-6327

Established Route Position open for I.B.A. Salesperson, Western Lancaster Co. Enjoy meeting and working with people, have dairy or farming knowledge. Great opportunity for self-motivated person.
Call or
Send Resume to:
Russell H. Hitz
205 Fox Rd.
Lebanon, PA 17042
717-273-7229

25 BUSINESS OPPORTUNITIES

Convenient Store, MD's Eastern Shore, gas, lottery, deli, grocery 2½ acres Route 13 Pocomoke City, MD 38 miles from Ocean City, MD. 20 miles from Chincoteague, VA. Call Patsy 301-957-0202

Established fruit and produce stand in busy Reading area farmers market. Includes 2 walk-in coolers and refrigerated truck For more information call 215-582-4603 after 5pm, Monday thru Wednesday.

Want to make $15/hr. at home? Handmade item every dairy farmer needs. Easy extra income for men, housewives, teenagers, retired, and disabled Free information SASE to Goodville Farm Services, Box 6, Goodville, Pa 17528.

RARE OPPORTUNITY
2 separate parks in Central PA. Wild animal farm & story book park. Unlimited potential. Same owner 25 years. Price negotiable to interested party w/some possible owner financing.
814-944-4811 or
814-942-0100
Ask for Mr. Bowser
Between 6 & 8 p.m.

Let us show you how we can lower your mortgage & insurance payments and also you will want to take part in this business opportunity.
Reply to:
Lancaster Farming
P.O. Box 366 K-177
Lititz, PA 17543

THINKING OF LEAVING FARMING BUT WANT TO STAY IN AGRICULTURE?
Please send resume to
Jeff Evanyk
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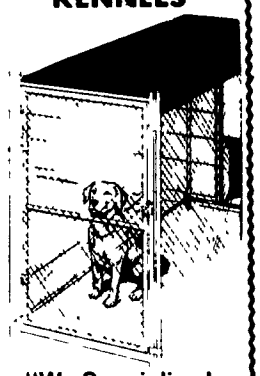

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32 MISCELLANEOUS

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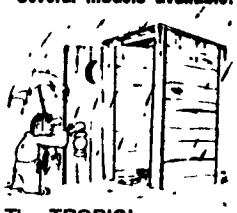

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35 TRUCKS AND TRAILERS

White COE aluminum cab, 318 DD, 10SP RR, full screw w/24' aluminum dump, 60,000 miles on engine and clutch, new blower, knee deep in rubber, 1000x20, excellent shape. Fantastic grain or ensilage truck. Call 717-328-2902, 6AM til 7PM. Leave message if no real people answer.

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35 TRUCKS & TRAILERS

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1974 Mack F-Model, 300, 5SP, 22" tires, Neway air ride; 1978 Cruiseliner 300+, 13SP, 22 5 Budds, Neway air ride, wet line, Dorsey 28 ft dump, 20" tires. Will separate. Price negotiable 717-549-5572.

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1979 Ford L-9000, 22' flatbed, side boards, hoops and tarp, 34,500 GVW, power steering, air conditioning, 11x24 5 radial tires, 230 Cummins with turbo, 13 speed double overdrive, very fast truck, excellent condition, $16,500. 717-524-9663

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1970 Autocar tandem dump truck, Cummins motor w/15½ ' aluminum body, excellent condition.

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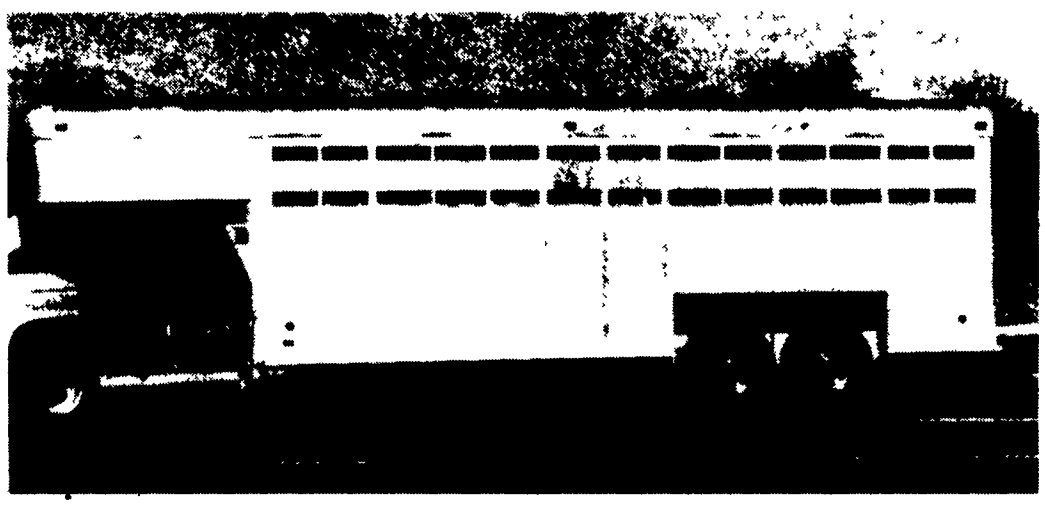

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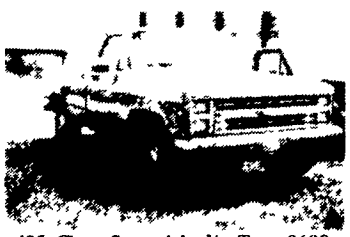
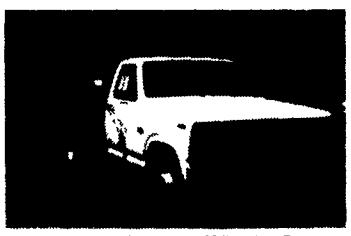


'85 Chev Scottsdale ¾ Ton, 8600 GVW, AT, PS, PB, AM/FM, 350, Radial Tires, Blue, Excellent Condition

$7,900

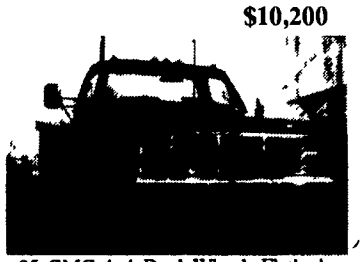


'86 Ford F350, Dual Wheels, Stake Body, PS, PB, 4 Spd., 460 Engine, AM/FM Cass, 2 Tanks, Excellent Condition, 40,000 Miles

$10,200

'87 Chev C-20 Pickup, 350 F1, Auto, PS, PB, AC, AM & FM Stereo, Two-Tone Blue & White, 21,000 Miles

$10,500



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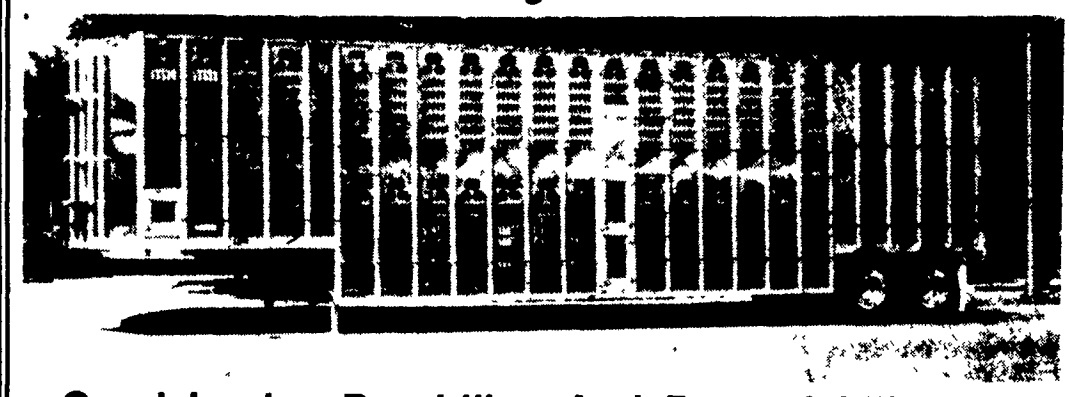

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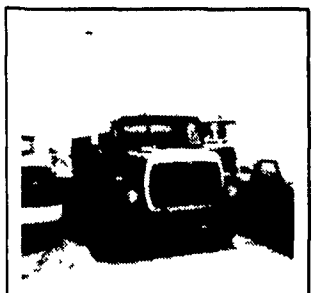
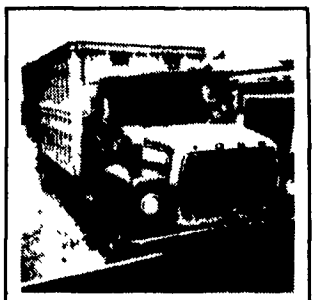


1978 FORD LN7000

3208 Cat, 5 spd., 2 spd. rear, p. steering, air brakes, 27,500 GVW, combination flat bed, grain body dump, one owner truck.

ST 2234A



1980 FORD LN8000

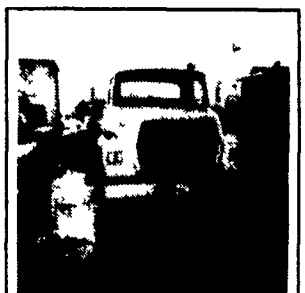
3208 cat, 5 spd., 2 spd. rear, p. steering, air brakes, 34,000 GVW, available with or without alum. Eby cattle body, A title truck.

ST 1843A

1973 CHEV C-60

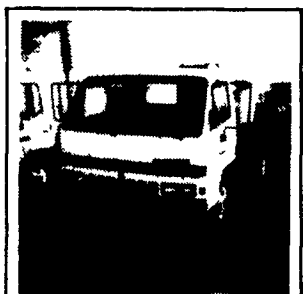
Gas, V8, 4 spd., 2 spd. rear, p. steering, 21,000 GVW, good running truck.

ST 1531A



1988 FORD LN8000 C/C

Diesel, 215 HP, 5 speed, two speed rear, 222 in. w/base, air side seat, tinted glass, western mirrors, air brakes, 50 gal. fuel tanks, 33,000 GVW, power steering. ST 2204



1988 ISUZU C/C

Diesel, 5 speed, 33 fuel tank, tilt steering, radial tires, three man seating, power steering, power brakes, 13,250 GVW

ST 3051

1988 FORD SUPERDUTY C/C

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'86 Dodge D250 w/new Stahl utility body, 360 auto., PB, PS, 8,510 GVW, 6,000 miles, excellent condition, $10,900 717-733-2873

'85 Chevy C20, ¾ ton w/new Stahl utility body, 305 4 spd., PS, PB, AM-FM, excellent condition, $7,900 717-733-2873

'85 Chevy C20, ¾ ton, 305 4 spd., PS, PB, AM-FM, 51,000 miles, excellent condition, blue, $6,950 717-733-2873

1973 Chevy 350 engine 9' Eby livestock body, new tires, clutch 82,000 original miles. After 7PM, 718-667-6514

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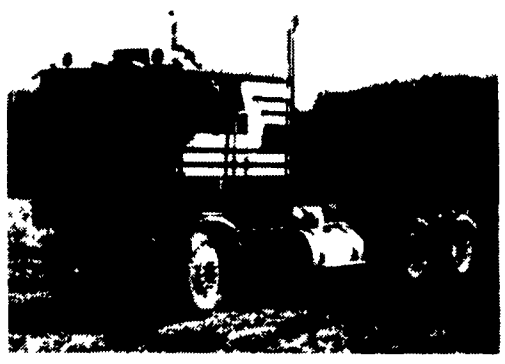

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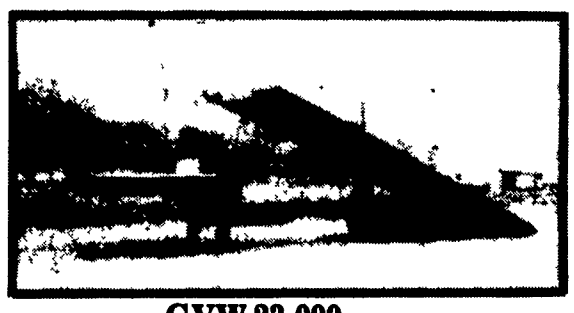
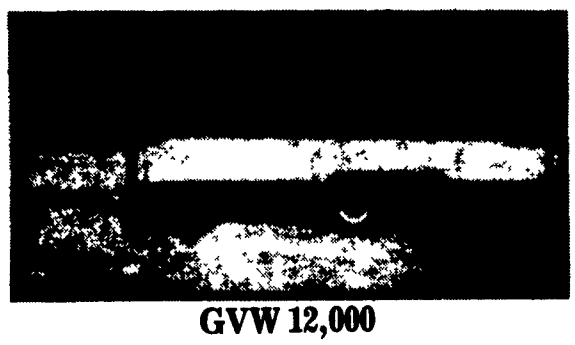


GVW 23,000



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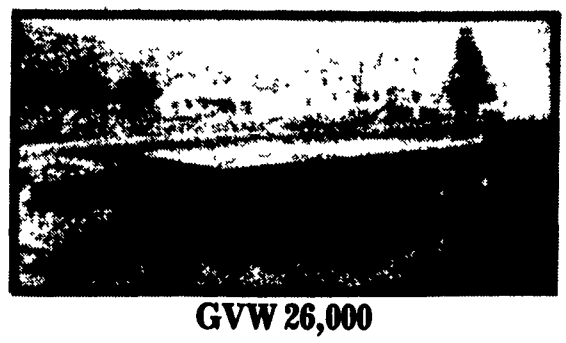

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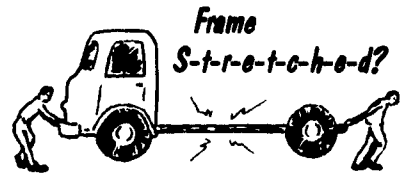

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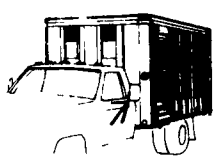

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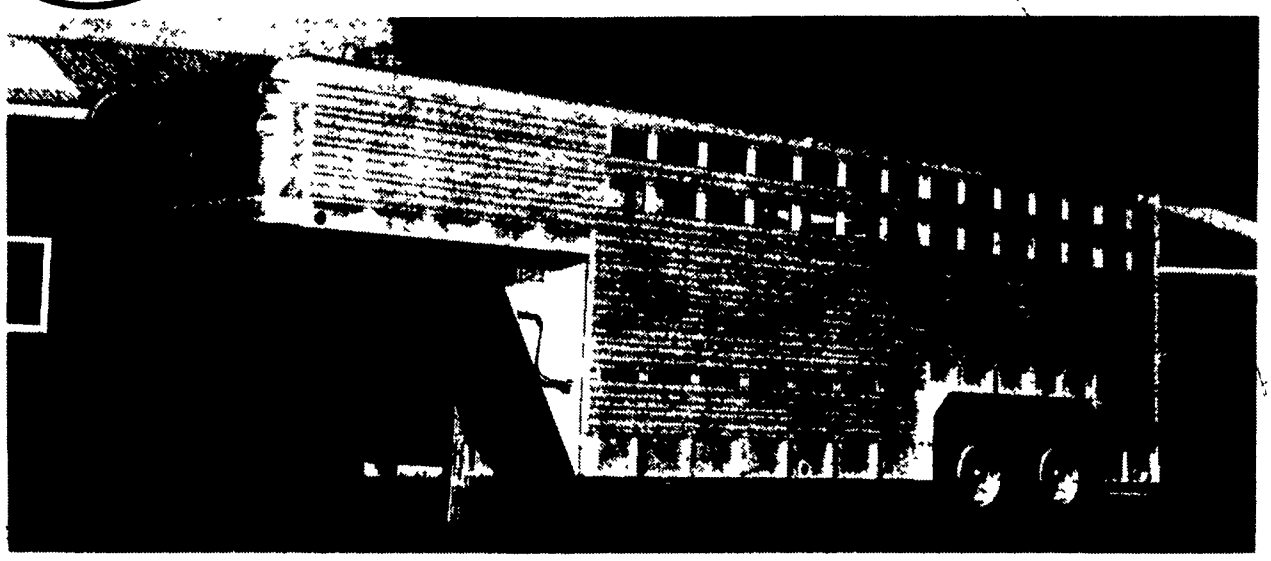

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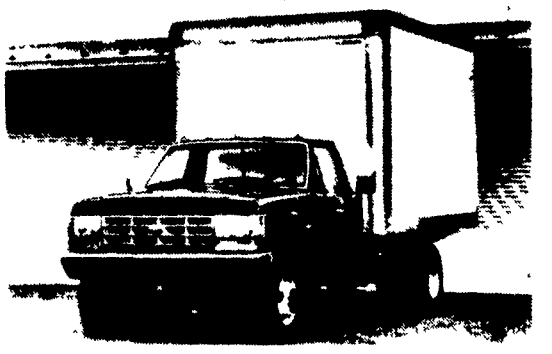
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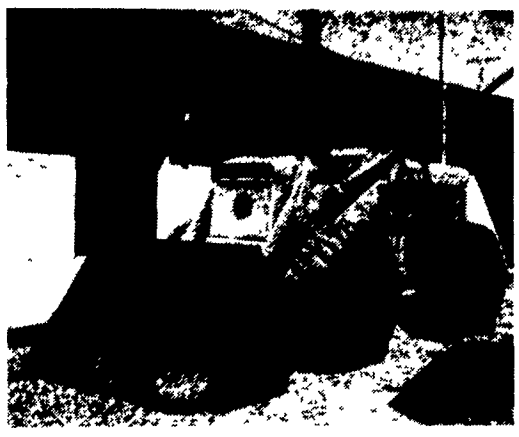

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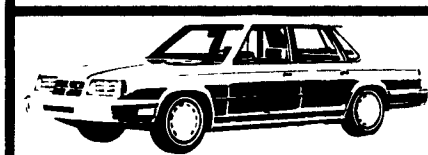

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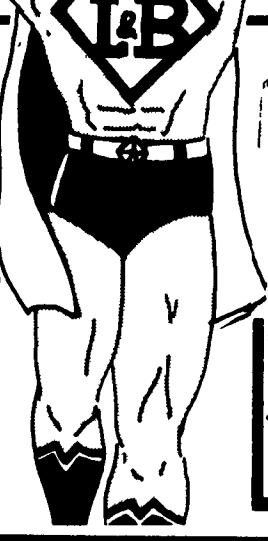

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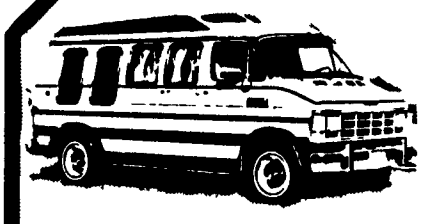

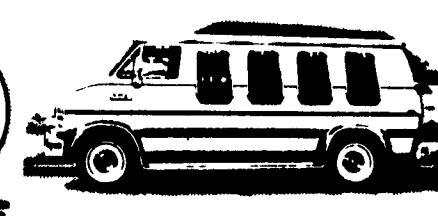

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For Rent Farm store front with living quarters available Berks Co Reply to Lancaster Farming, P.O Box 366, L 165, Lititz, PA 17543

For Sale 250 acres of mountain ground, prime hunting country in Centre Co, Pa 814-383-2710

For Sale Beautiful 60 acre dairy farm, in Union Co, Buffalo Township 2 new silos, bulk tank, farm machinery & dairy cows, all priced $350,000 717-966-1118

For Sale Dairy operation with 150 cows now milking Has all the necessary facilities with anywhere from 230 to over 500 acres of high producing land, situated in Lycoming County, Pa Call JONES REAL ESTATE for more details 717-546-2276 or 717 323-7802

36 REAL ESTATE

JEFFERSON CO, N Y 287 Acres, 150 tillable, 43 stanchion dairy barn, pipeline milking New dry cow/heifer barn, 2 silos, 20x50, 12x40 New 48x64 pole barn, 25x32 shop/garage 10 Room house, new kitchen and garage, 1½ baths, $115,000 Also available, complete line of farm machinery, 50 Holstein cows on DHI with 30 AI sired replacements Call 315-642-5794

Juniata County Nursery Business and mountain land for sale 717-436-6982, 717-527-2576

Only 2 miles to a deep river with public boat ramp and marina is this eastern shore Maryland farm 60+ acres of good sassafras soil with well-kept, 2-story, traditional farm house. 50% owner financing available $210,000 Chesapeake Country Associates 301-820-8424.

PERRY COUNTY DAIRY FARM 143 acres, 90 acres tillable, balance woodland and pasture. 33 stalls, 4 unit 2" SS pipeline, 600 gal Mueller bulk tank, Cornell barn cleaner, large house 717-789-4245 No realtors Owner is real estate agent

Cambria County 44 4 acres atop Alleghenies, panoramic view of surrounding area 35 acres tillable, balance in woodlot featurnng stone bridges w/ rustic benches & walk on trails Water & electric available Excellent place for summer home or cottage $44,000 Century 21 Hubert & Associates, Deb Sharretts 814-674-5710

I have buyers for 100 Acres level land, 200 acres beef farm, large dairy farm. Also fruit farms and development land.

Van Cleve Real Estate
915 Mondale Road
Lancaster, PA 17601
717-392-3032

Charlotte Co., VA

198 +/- level to rolling acres, fencing, open & wooded land, creeks, lovely large older home, being remodeled, 4 bdrs., 1 bath, kitchen, dining room, den, living room, plus outbuildings $159,500

Bowman Real Estate
804-736-8882

For Sale Farm, Bedford County, Pa, 228 acres, 100 tillable, barn, 20x60 silo, 30x90 pole barn, 40x40 block shop, garage. Lovely brick home, 2 story, 4 BR, 2 bath, fireplace Beautiful guest house Pond wooded area Location makes great hunting, fishing $296,000 by owner 814-784-5594

For Sale New York State Finger Lakes area East side Seneca Lake 2 story Greek Revival house Circa 1845 6 acres $50,000 Owner financing possible 607-582-6874

For Sale New York State Finger Lakes area East side Seneca Lake 3 acre wooded building site, ½ mile from Lodi Point State Park for access to lake $12,500 607-582-6874

For Sale York Co, 94+ acres, ½ tillable, balance woodland, trout stream, good hunting, $158,000 717-665-3865

WANT TO PURCHASE
Farms in Lancaster Co.
717-393-0646
Ask For
Dave Skidmore

KANDELITE INN
RALSTON, PA

Rt. 14, 23 miles north of Williamsport. Tastefully decorated, great clientelle, excellent hunting & fishing. Real estate and liquor license, $130,000.

717-995-5666
or write Box 226
Ralston, PA 17763

For Rent, Lease or Sale:

Nice family dairy farm in Adams Co. consisting of 90 acres plus 90 acres rented ground, freestall barn, liquid manure system, 6-stall parlor, 3 Harvestore silos (1 near full with high quality haylage), present milk check well over $10,000/mo. Will offer entire operation stocked & equipped or you bring your own cows & equipment. Call anytime.

717-359-5122

150 acres m/l, **NORTHUMBERLAND CO.** East of Milton, near Washingtonville, near growing Amish community 130 acres m/l tillable, 4 acres spring fed lake, 1 mile m/l road frontage Large brick house, 2 barns & silo. Immediate possession available. $220,000.

717-291-9756

FOR SALE

1½ sty brick dwelling located in northeast Juniata Co. within a 1 mi radius of Lost Creek Gulf Course, churches, schools & stores. New oak kitchen cabinets, 1½ baths, 3 bedrms, screened patio, OHW heat. Everything in A-1 cond. 2 car garage/workshop on approx. ¾ acre. Price $69,900

For Info or Inspections -
Ph. 717-463-2945

FOR RENT Bradford Co, 200 Acre farm including 50 acres good pasture w/ plenty of water, 120 acres tillable of which 80 acres in hay, 30 acres woods, farm house, 2 barns 215-358-5258, 717-596-3796

FOR RENT Ranch type farmhouse House has 4 bedrooms, 2 baths, hot water heat Holtwood area 717-284-4796 or 717-664-4587

FOR SALE 100 acres of land in Bradford Co, PA Nice view $650 per acre 717-673-5562

Farm 129 Acres working dairy, Garrett County, Maryland House, barns, silos, owner financing 301-334-3379

Farm 98 acres, large modern home, beautiful view, cabin & canoeing on creek, Juniata Co $250,000 717-527-4518 Between 6 & 7 pm

Farm couple with large family wishes to buy family dairy farm for 40 to 60 cows from retiring owners. Prefer tie stall barn with private location Send replies to Lancaster Farming, PO Box 366, K-178, Lititz, PA 17543

IDEAL FAMILY OPPORTUNITY

Farm, restaurant & store under $500,000. Minimum net income $100,000 (+) per year. Owner must sell. Central PA.

Reply to
Lancaster Farming
PO Box 366-A-170
Lititz, PA 17543

165 acres, 75 tillable balance woods and pasture, secluded old house and barn. $65,000.00.

48 acres open and wooded, pond, creek, 2 story 3 bedroom house, living room, dining, family room, den, wood burning fireplace, 2 barns, horse stalls, all nice condition. $72,500.00.

LEW Real Estate
607-937-5637
141 Chestnut St.
Corning, New York 14830

FOR SALE OR LEASE
BIG GAME HUNTING PRESERVE
In Bedford County

1 Lake, 2 ponds, 1 mile stocked trout stream, 340+ acres, front-hard road, back-state game lands, 8' fence, stocked with White Tailed deer & Big Horn & Dall sheep. Financing available. Broker protected.

Ph. 814-652-2319 or write
PO Box 07, Everett, PA 15537

FARMS FOR SALE

Maryland's Eastern Shore

187 acres, 182 tillable, older farm house $395,000
220 acres, 207 tillable, $683,000
186 acres, 108 tillable, two 5 acre ponds, excellent hunting $437,000
41 acres, 18 tillable, pond, brick rancher, $225,000.

KENT CREEK REAL ESTATE
Galena, MD
301-648-5656

Cambria County 2 story farm home on 48 acres of ground, 15 minutes from Prince Gallitzin State Park. 2 car heated garage. Would make excellent summer home or hunting lodge $60,000 Century 21 Hubert & Associates Bob Bender 814-943-5314

FARMS FOR SALE

CUMBERLAND CO.
44 Acre Fruit Farm. 2½ story custom renovated brick dwelling, 3 bedrooms, modern conveniences Bank barn, wagon shed, implement shed, hog shed 30 Acre apple orchard with pond. Balance tillable. Near Gardner & apple canning factories

ADAMS CO.
New Listing
187 Acre General Farm. near New Oxford, 2 sets of buildings, each has its own separate lane, each has its own well. 122 acres tillable, 29 acres wooded.

YORK CO.
New Listing
110 Acre General Farm Near Red Lion (1) 2½ story stone dwelling w/3 bedrooms, modern conveniences, (1) frame dwelling w/3 bedrooms Was a dairy for 42 cows w/room to expand Both dwellings in good condition 85 acres tillable, some wooded, stream in meadow

118 Acre Dairy 2½ story house, 6 bedrooms, bank barn with 51 stanchions, stable cleaner, silo 16x60, 90 acres tillable, stream in meadow

LEBANON CO.
147 Acre Dairy, room for expansion, 88 free stalls, room to expand to 176 free stalls, milking parlor, bulk milk tank, silo 20x60, 100 acres tillable, stream in meadow, some wooded. Brick 4 BR dwelling w/ conveniences Northwest of Hershey

78 Acre General an ideal beef or horse farm, framed bank barn w/ attached buildings, implement shed, large part is tillable 4 BR dwelling has been remodeled and attached 2-car garage Northwest of Lebanon

23 Acre General, bank barn, silo 12x40, all tillable 4 BR dwelling, 1-car garage and one 2-car garage Northwest of Reinholds and southwest of Newmanstown

CHRISTIAN M. MOSEMANN
Real Estate Broker
734 Main Street
Akron, PA 17501
717-859-1004
or call:
James L. Marsh
717-529-2678
or
Marlin Kreider
717-627-8244

HERITAGE REALTY GROUP INC MLS
1525 Science St, State College, PA 16801
814-231-0101

Contact: DON C. MYERS
Residence: (814) 422-8111
ROBERT A. CONNOLLY
Residence: (814) 383-4336

FARM & RURAL PROPERTY DIVISION

CENTRAL PENNSYLVANIA FARMS AND FARMETTES

OUR GUARANTEE:
We strive to be #1 in "PROFESSIONALISM & PROMOTION" offering:

* A Comprehensive Advertising Program (local, regional & out-of state)
* Video tapes of operating farms
* Ag Progress Days exposure
* Detailed brochures
* Radio real estate talk show
* 17 years of rural property experience

Whether buying or selling, we would be pleased to be of service to you. Many farms, farmettes and land parcels available. Call or write for free lists, or see our bi-weekly Lancaster Farming inventory ad in the June 25th issue.

36 REAL ESTATE

114 acre Tioga Co. dairy farm. 40 stall barn 115'x36', machinery shed 40'x80', two silos w/unloaders, 18x55 and 14x40 Older heifer barn remodeled farmhouse, all crops grown or in storage included. $125,000. 717-537-6423

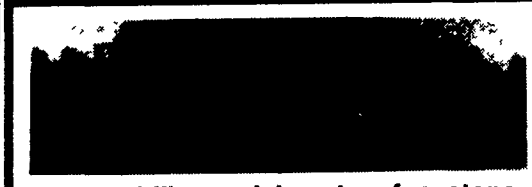
150 Acre Farm for rent, near Honesdale, PA. 50 Stanchion barn, approx 100 acres tillable land. Victor, 717-253-0366.

150 Acres prime farmland, Mason Dixon line, large barn, outbuildings, pond, 4 bedroom, 1 bath home Call Janet Nicholson/Ted Cochran, Grempler Realty, Inc 301-879-0900 E.O.H.B.

22 Acres horse farm, Forest Hill, MD All buildings, less than 4 years old. Call Janet Nicholson/Ted Cochran, Grempler Realty, Inc. 301-879-0900 E.O.H.B.

24 ACRES WOODLAND: Lycoming Co., PA, RD #1, Jersey Shore, PA Good hunting, accress by private 50' right of way. Call Ray Light 717-273-5618. SUBURBAN REALTY FARM DIVISION 717-867-4487.

50 acre farm in Shippensburg, 5 bdr. house, barn & other outbuildings. Mostly tillable limestone soil. Only $120,000. Call Lutman Associates. 717-697-6081 or John D. Lepore 717-763-8741



The stability and beauty of a stone home is what you'll have with this 10 acre farm in a private setting surrounded by woods, a stream and pond. Large bank barn, arch cave celler, smokehouse with fireplace, three car garage with workshop. Perfect for horses or cattle.

CENTURY 21
Hoffer & Associates
95 N Reading Road
Ephrata, PA 17522
(717) 738-4261

WEST SADSBURY FARMETTE

w/4.4 acres & buildings. House is 5 years old & has 4 or 5 bdrs., 1½ baths, plus another unfinished bath, custom kitchen, 2 car garage. A 50,000 layer chicken house, 395x44, that is 8 yrs. old. Many possibilities w/ industrial, commercial zoning, Octorara School. $375,000.

HOSTETTER Realty
717-442-4114
717-354-6416

ONLY 40 MINUTES
West of Carlisle and 5 minutes south of PA Turnpike we have 120 beautiful acres in southern Path Valley, lots of road frontage, good water, nice home, older barn and more possibilities than we can mention. What you have always wanted at only $175,000. Call 464-4700.

LANCASTER COUNTY DAIRY FARM
Right here in the heart of Southern Lanc. Co. is a golden opportunity for a proficient Dairyman. 128 free-stalls with a parlor, a heifer barn, large heated shop, and large silos are just a few of the features offered on this potential packed Dairy farm. All for less than $3,900 per acre. Call 786-2131.

Century 21
AMERICAN HERITAGE
717-786-2131
717-464-4700
717-299-2101

WHAT A GREAT DEAL!
175 Acre NYS Farm

with unbelievable country home, 3 BR. Everything has been done right. Worth $100,000 alone.

Also has barn suitable for dairy, beef or horses and new machine shed. Over 1 mile of road frontage on good road. This place has many, many possibilities. Must be seen to be appreciated. $157,000

Mel Manasse
Licensed Real Estate Broker
Whitney Point, NY
607-692-4540

Surround yourself with rolling countryside on this farm containing approximately 130 acres. Rustic three bedroom farmhouse, pond, beef barn, various other outbuildings. Scenic rural site.

BEARD REAL ESTATE
403 E. Main St., Elkland, PA 16920
(814) 258-7117
Eric L. Beard, Broker
Mary C. Heitzenrater, Sales Associate

CUMBERLAND COUNTY FARM, PA

1790 Circa 2½ story, 5 bedroom limestone Colonial Home on 30 plus acres with newly renovated stone bank barn. Additional 70 acres available. Hagerstown limestone soil. Private setting only 45 minutes west of Harrisburg.

Jack Gaughen REALTOR

Call JACK GAUGHEN REALTOR
717-243-8080
Business
717-243-0621
Nancy McCarthy
(Home)

BLAIR CO. FARMS

OUTSTANDING DAIRY FARM located in Morrisons Cove area near Martinsburg! Modern dairy setup! Priced very reasonable!

112 ACRE FARM, currently a horse operation! 60'x136' free span building attached to conventional barn. Home features country decor with 2 fireplaces! Trout stream! Adjoins above farm!

BEDFORD CO. FARM

140+ ACRE GENERAL FARM, large pond and excellent home and buildings! Picturesque setting!

REALTY CENTER
James R. Michelone, Realtor
(814) 832-3665
or (814) 695-8696

FARM & LAND

HAND CRAFTED "LOG" HOME nestled in the scenic hills of Southern Bedford County! 93 wooded acres, trout stream, small lake and picturesque setting highlite this exceptional opportunity! Unpriced!

48 ACRE FARM, 25 open acres, level farm land, woodland and pasture! Private and secluded setting, trout stream and a real nice 3 bedroom Mobile Home! **$49,900**

61 WOODED ACRES in Central Bedford County! A few minutes from the turnpike! Build your dream home or subdivide! **Only $49,900**

FARMS & LAND WANTED - I have cash Buyers for farms and large or small land tracts throughout Bedford, Blair, Cambria, Fulton and Huntingdon Counties! Call me now to make an appointment to preview your property without obligation to you!!!

DANIEL K. KNODE, REALTOR
REALTY CENTER
(814) 695-8696

Century 21

Pace/Pace

New Bloomfield.....717-582-8104
Marysville 717-957-3866
West Shore 717-761-4220

Large four bedroom brick contemporary, situated on ten acres plus, mostly wooded with nice trout stream.

This home features many extras such as an artesian well with a ground water heat pump and central air-conditioning, central vacuum, cable TV and phone jack in every room, large mountain stone fireplace and much more. Priced at $139,000.

Located one quarter mile from Little Buffalo Lake, just outside Newport, in Perry Co. 30 min. from Harrisburg.

Call Douglas Major
Sales Agent
717-444-3371

SCHUYLKILL COUNTY FARM...

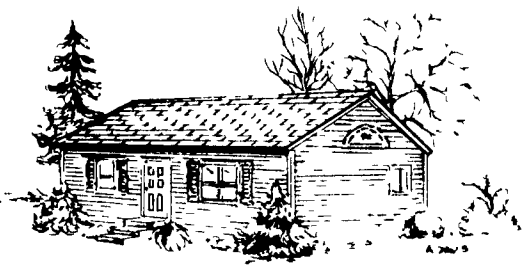
370 acres... 2 sets of buildings, nice set up! Possible sale of lesser acreage... Call For Information.

DAUPHIN COUNTY FARM...

139 acres (+/-)... With a 40x400 turkey house. A nice large house. Property touches a large body of water and has an incredible view!

RICH BRANDT FARM REAL ESTATE
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

Post & Beam Kit



2 bedroom, 1 bath, eat in kitchen, living room, 24x35* expandable, cathedral ceilings, post & beam peg frame, R28 insulation, thermal pane windows, $28,978*

*** Due to illness & major surgery, I am extending the deadline on the kit until August 1, 1988 and those of you that have responded in the last month please be patient.**

J.L. Buchet
516-862-7013

BARN BUILDERS

P.O. Box 265
St. James
L.I., N.Y. 11780

Potter Co.

191 acres, large 40x140 65 free stall dairy barn w/large hay storage above, 3 bedroom home, 30 corn, 70 acres hay, 91 acres woods, $79,000 Owner wants to sell, make offer

So. Northumberland Co. & Surrounding Counties

THESE PROPERTIES CAN BE BOUGHT SEPARATE OR ADJOINING

300 Steer Feed Lot, 3 Harvestores, bunk, fence pasture with stream thru, only $79,000.

3½ acre farmette, large 6 bedroom double home, plus 2 bedroom apartment Also 3 bedroom home, plus large bank barn & stream $49,000

180 acre farm, 2 excellent homes, bank barn plus outbuildings, 84 tillable, 15 pasture, balance in marketable timber Pond & stream, excellent water supply. $200,000

150 Acre beef farm, 2 homes, 125 tillable, 200 steer feedlot 20'x 50' and 20'x 70' Harvestores, 8,000 bu corn storage, large corn crib, 125' machine shed, $219,000

Dauphin Co.

Lykens Valley, 80 acres, 75 tillable, house & barn $185,000

Lykens Valley, 100 acres, 89 nice level tillable acres, 3 to 4 bedroom home, large kitchen w/wood stove, bank barn plus new barn, liberal owner financing $225,000

5 miles south of Danville off of Route 54

120 acres, over 5000 feet road frontage, stream, no house $169,000 Also 27 acres, surveyed for 45 lots, city water and sewage **Owner Financing.**

PETER B. **CORTELYOU**
Real Estate Herndon, PA 17830
Peter B Cortelyou, Broker 717-758-9177

NORTH CENTRAL PENNA

80 ac. operating dairy farm, 111 tie stalls, pipeline, 1000 gal. bulk tank, barn cleaner, 3 silos, heifer facilities, outbldgs, stocked pond, 6 bdrm house, LR, DR, kit, etc. Possible lease land available. Asking $145,000 #914

Combination restaurant & bar on main St, in a small town, all equipped, super clean, exc. local trade. A bargain at $118,000 #954

85 acre Dairy Farm near PA Grand Canyon, 36 tie stalls, 14x50 silo with unloader, bulk tank, barn cleaner, 2 story home, 6 miles from Wellsboro. Asking $130,000 #964

Koch REAL ESTATE
9 Cone Street
Wellsboro, PA 16901
717-724-3500

LANCASTER AREA
REAL ESTATE WANTED

LET US SELL YOUR FARM:
We Need Farm Listings - Call Us To Market Yours!

RESIDENTIAL DEV. PROP. WANTED
We Are Looking For Residential Developments. Call Us!!!

Jack Gaughen Realtor

Call Ralph Clemans
717-393-0403
1500 Lititz Pike
Lancaster, PA

Aching for Acreage? Twenty acre gentlemens farm with a lovely 4 bedroom farmhouse with a huge country kitchen, open stairway in the living room, 3 car garage, 52x36 barn and more. The land is partially tillable, some woodland and a stream Excellent north of Lancaster location.

CENTURY 21
Hoffer & Associates
95 N Reading Road
Ephrata, PA 17522
(717) 738-4261

BEAUTIFUL FINGER LAKES AREA

KEUKA LAKE - Spacious ranch home on 1 ac. lot, beautifully landscaped, 3 bdrms, 2½ baths, master bdrm w/double closets and full ceramic bath, eat-in-kit w/knotty pine cabinets adjoining den w/wet bar, sliding glass doors opening into enclosed sun room, large liv rm, formal din rm, w/w carpeting, fireplace, inground heated pool w/slate patio, sound system in all rooms, horse shed, storage shed, $125,000 #2805

STEUBEN CO. - 380 ac., 280 til, 60 ac. forest, pasture, barns, 2 ponds, 53 cow tie, 130 freestalls, silos, 800 gal. bulk tank, 4 bdrm ranch home, 1½ baths, eat-in-kit w/plenty of cabinets & counter space, liv rm, finished lower level, fireplace, fully insulated, 2 car detached garage, $260,000. #2746

SO TIER EVERGREEN PLANTATION- 70 ac., creek pond, 15000 Douglas fir, 5000 white pine, room for expansion, 2 barns, spacious 5 bdrm home, garage, terms #2731

SO TIER - 136 ac. farm, 110 til., forest, pasture, 3 rd fronts, 88x156 steel free stall barn, 135 cow tie, heifer barn, silos w/unloaders, double 6 Herringbone milking parlor, 5 DeLaval milkers, DeLaval auto washers, bunk feeders w/Badger elevators, 1250 bulk tank, 4 bdrm 2 story house plus mobile, $170,000 #2732

WRITE FOR FREE BROCHURES ON ALL TYPES OF PROPERTY.

MAKITRA REAL ESTATE, INC
4 West Steuben St. Bath, N.Y. 14810
Hrs., 8 to 5 (607) 776-6665
24 Hr. # (607) 776-2468
For After Hrs. Apt. Call (607) 776-2386

QUIET COUNTRY LOCATION: Northumberland County. 17.8 acres. Pre 1900's 2½ story brick home with 3 layers of brick construction. Barn. Well maintained property. $99,500.

97 ACRE BEEF FARM: Union Co-Kelly Township. Log frame house, 2 barns and concrete stave silo. Nice 1 acre stock pond. Farm ground lays well. $200,000.

61 ACRES: With 34 tillable. Small bank barn and 2 car garage. 2½ story home partially remodeled. Fruit trees. Could also be developed. Near Penns Creek. $100,000.

120 ACRE WOODLAND: On New Berlin Mt., close to Penns Creek. Union County. Prime hunting. Land in clean & green and has miner rights leased out. $108,000.

VACANT LAND: Snyder County. 58.5 acres with minimal road frontage but the fantastic view more than makes up for it! $96,500.

WEEKEND COTTAGE: On .8 acre lot with ½ acre available. 2-3 BRs-1½ baths, hardwood fls and cozy fireplace. Near Beaver Springs - Snyder County. Secluded setting with stream. $39,900.

ERA BOWEN AGENCY, INC. REALTORS
Selinsgrove, PA
(717) 743-2165
Lewisburg, PA
717-523-3281
Fred Clark (717) 523-7201 home
John Szuerra (717) 374-4284 home

DAIRY FARM
CUMBERLAND COUNTY - CARLISLE

50 acres, rock free, fertile limestone soil, creek frontage. 50 to 60 cow capacity. Bank barn with tie stalls. 150+ acres adjoining property available for leasing currently. Dairy market available. Modern 2 story, 3 bedroom home with quiet, beautiful setting. $215,000. Call Gale Bear at 717-432-9745 or 717-258-6821 or write to

ERA Anderson R.E.
19 N. Baltimore St.
Dillsburg, PA 17019

FARM
YORK COUNTY - BARRONS VALLEY - DILLSBURG

Approximately 100 acres in one of York County's richest valleys. Large bank barn with extension in good condition and a new roof. The home is a large four bedroom two story over a hundred years old. The farm is presently being used for the breeding and raising of thoroughbred racehorses. Owner is asking $240,000. For more information, call or write:

Dick Hampton c/o
ERA V.E. Anderson R.E.
19 N. Baltimore St.
Dillsburg, PA 17019
(717) 432-9745 or 432-5617

NEW ON THE MARKET

#905 — A good family farm. 276 acres, 168 acres crop land, balance pasture and woods, modern 70 stall barn w/pipeline milking, additional 60 head barn, 2 Harvestore silos, large home in top condition, buildings on same side of road with little traffic. Cattle and machinery also for sale. Bare farm $210,000.

#902 — A beautiful farm with fantastic view. 200 acres, mostly flat land, large fields, 48 cow barn, pipeline milking, 10 RM home in very good condition, 65 head of Holsteins, full line of equipment. Everything goes. $250,000.

#896 — Showplace free stall operation, close to school, shopping, etc. 400 acres, flat land no stone, 110 free stalls, double 4 parlor, silos, large heifer barn, machinery building. 5BR 2 bath split-level home with fireplace, excellent condition. Older 3BR home, good condition. Houses set back good distance from road. Pleasant setting. Owner retiring. Priced to sell. $325,000.

200 Farms Listed
Dick Posson Broker
POSSON REALTY
RD 3, Norwich, NY 13815
607-334-9727

PENNA FARMS
FRANKLIN CO.

108 Acres General Farm, w/bank barn, 70 crop acres, 25 wooded, 12 pasture, road frontage, stream, restored log 2 story dwelling w/L&S Stone exterior

105 Acre Beef Farm, 1 floor bank barn, 54x90 Morton bldg., 40x96 Agway bldg, 40x80 pole bldg, 3 BR frame & alum dwelling (needs repairs)

77 Acre Beef Farm, bank barn w/60x80 pole addition, 72x110 pole implement building, silo, limestone soil, NO DWELLING.

CUMBERLAND CO.

145 Acre Dairy, limestone soil, 40 tie stalls, pipeline w/4 Surge units, bulk tank, stable cleaner, silo, heifer barn, garage and workshop, 4 BR frame and aluminum dwelling PRICE ADJUSTED. This farm can be purchased in various tracts. Call for details

115 Acre Beef and Hog Farm, farrowing unit w/ nursery and manure pit, silos, 2 story brick and aluminum dwelling.

89 Acre General Farm bank barn, silo, road frontage, Yellow Breeches Creek through farm, 3 bedroom brick ranch w/2 car garage.

75 Acre Wild Game Farm, 20 wooded acres, creek frontage, pond, bank barn, 3 BR brick dwelling, road frontage

Charles Wenger, GRI, 263-0945
Fred Willis 776-5369
George Ebener 249-4979
Wilbert Diehl 776-7707

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

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336 Acre Potter County Dairy Farm

78 cow pipeline, 3 silos, good corn & alfalfa ground. Good Milk Market.

814-848-9703

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS

Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list.

See the June 25 or July 30 Issues for a complete farm and farmette Inventory.

Farm and Land Division

Fred Strouse	(814) 364-1705
Scott Yocum	(814) 466-3150
Terry Gingher	(814) 364-1169
Kenn Davis	(814) 667-3636
Rachel Port	(814) 669-4194
Mel Rockey	(814) 466-6688

KISSINGER LEONARD & BROWER Realtors

245 S. Allen St.,
State College, PA 16801
(814) 234-4000

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36 REAL ESTATE

Mifflin County
136 Acre Dairy Farm, fully equipped, 50 cow barn plus 2 houses, 110 acres tillable, $296,000

Montour County
11.89 Acre Game Farm Operation, 4 bedroom home, barn, deer pen, other pens, pond, pasture and wooded area, $79,000

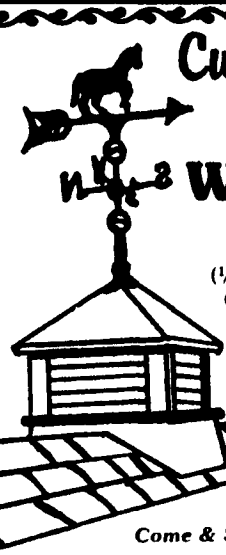
Union County
150 Acre Farm, house, barn, many outbuildings, very nice

Snyder County
48 Acre Dairy Farm, House, barn, includes all equipment and cows.
45 Acres, of tillable land, 3,200 sq ft. home, small barn with corral Unique property, $140,000.

Juniata County
Dairy Farm, 144 acres well equipped, 4 bedroom house, private setting

Integrity Real Estate
717-837-1061
717-966-3851

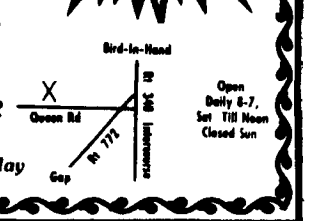
Cupolas and Weather Vanes
MANNIE'S WOOD SHOP



58 Queen Rd
(¼ mile S. of Intercourse)
Gordonville, PA 17529

CUPOLAS Manufactured & Custom Built For • Gazebos • Red Barn Sheds • Garages • Horse Barns • Commercial Buildings • Etc

Ventilate and Decorate



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Auctioneer
ESTATES • APPRAISALS • LIQUIDATIONS
101 White Oak Dr., Lancaster, PA 17601

We Will Market Your Farm By Auction Or Brokerage. Call Sandy Leaman For The Best Way To Market Your Farm. Please Call On Our Toll Free Hotline 800-528-5832 Ext. 264

We're Almost Sold Out
We drastically need listings. We have many buyers for farms in Snyder, Union and Lanc. Counties.

We Are The Farm Professionals

Berks Co.- 150 acre dairy farm, 100 acres tillable, mostly loam soil, 50 acres pasture with pond and stream, 51 stanchions, 3 box stalls, 40x80 heifer barn, 2 silos with unloaders, 80' bunk feeder, barn cleaner, milk house with 1,000 gallon tank, 3 car garage, 2½ story frome house with 9 rooms Three bedrooms, 1 bath on second floor, first floor- family room with fireplace, living room, dining room, modern kitchen, oil hot water baseboard heat. A lot of road frontage on this farm near Fredericksburg Call Milt Huber at 717-299-5136 or 717-569-4264.

Montour Co.
This weeks special Hog and beef farm with 30,000 bu. grain storage, with a 12,000 Storemore natural gas dryer on top Bank barn with additional 2 silos. 120 acre level land, presently all crop land. Large brick farm house with 4 bedrooms, 2 full baths, oil hot water heat, fireplace and much, much more. Priced to sell. Call Sandy Leaman at 800-528-5832, ext 264

Blair Co.
174 acre dairy with 155 tillable limestone acres in high state of cultivation. Milk parlor, 69+ free stalls, 2 silos, stream, pond and 4 bedroom, 2 bath home in excellent condition This farm is an excellent buy at $250,000. Owner will finance What a deal. Call Sandy Leaman Toll Free, 800-528-5832, ext 264

Columbia Co.
124 Acre beef operation in Danville area Soil types include Allenwood, Washington, Basker and Berks Excellent dwelling and buildings, $220,000. Call Pete Zeisloft at 717-437-2305

"We Serve Your Farm Needs"

Call

Richard B. Crawford- 717-734-3673- Juniata, Perry and Franklin Counties.
Milton Huber- 717-299-5136- Lancaster, York, Cumberland, Franklin and Perry Counties.
Sandy Leaman- 717-569-4264- Lancaster County and Any Other County.
Ken Young- 717-426-1098- Lancaster and Dauphin Counties.
Paul "Pete" Zeisloft- 717-437-2305- Columbia and Northumberland Counties.

36 REAL ESTATE

CHESTER COUNTY

Sadsbury Township
55 acre dairy farm w/very old log & stone house 10 year old dairy barn Farm fronts on 2 roads, total of 4 400 ft Just North of Rt 30, West of Coatesville Asking $598,000

East Nottingham Township.
16 acres w/4 bdr stucco house (needs work) Large bank barn, double mushroom house, large free stall barn, large equipment shed Fronts on 2 roads for total of 1,500 ft Just South of Oxford Asking $289,900

Atglen Boro
32 5 acres zoned R1, located between Rt 41 & Old Newport Turnpike Gently rolling land now under cultivation $400,000

Upper Oxford Township
Log cabin w/3 bdrs on 2 wooded acres w/small stream in the rolling hills of Southern Chester Co $159,500

Robert T. Coates
Realtor
Gap, PA
717-442-4134
717-291-1542

WIMPLE ASSOCIATES

CENTRAL NEW YORK

MAJOR FREE STALL COMPLEX: 650 acres, 100 woods, balance mostly tillable. Could support 200 milkers and this land base. Very good barn has 130 free stalls with double 5 Boumatic parlor, 20x80, 25x80 and 20x60 Harvestos plus 20x50 concrete silo. All Harvestor automatic feeding. Attached 80 stall heifer barn. Semi-solid manure pit w/concrete bottom and 1 yrs. storage. Pretty Cape style home with new $10,000 kitchen 2nd home is untouched brick Victorian with marble fireplace. Cattle & machinery available. $450,000.

"FLOAT DOWN THE LAZY SUSQUAHANNAH: 70 riverside acres with some good vegetable flats. Two story barn has 50 stalls with cleaner. Also heifer barn. $73,000. **CALL WIMPLE'S SLOANSVILLE OFFICE: 518-875-6355.**

SOUTHERN NEW YORK

GENTLEMAN'S HORSE FARM...priced right! 67 acres on a large noted trout stream. 15 woods, balance open. 2 training rings. Very good masonry barn is 36x52, has 8 box stalls with tack room. Nice 2 story Colonial home with 3 bedrooms and 1¾ baths. New heating system. $65,000 for appt. call 607-792-3355 or...

MORT WIMPLE ASSOCIATES
SLOANSVILLE, N.Y.
518-875-6355
FREE FARM CATALOGUES

Estate

Located Northeastern, Pa. 300 acres, including a 20 acre semi-private stocked lake. Nice cropland, pasture & woodland. Beautiful 5 bedroom traditional home, with oak & chestnut trim, oak floors & stained glass cabinets. Extras include a 3 story barn with elevators, 5 bay machinery shed, 4 bay garage, two family apartment house in excellent condition. Quonset workshop, blacksmith shop. Office & horse-barn. Best of all! Licensed airport. $785,000 May be purchased without airfield and lake. Owner will finance. Please! Serious inquiries only. For appointment, call 717-465-3620 or write

Wayne R. Adams Real Estate
R.D. #1 Box 116, New Milford, Pa. 18834

NEW LISTING DAIRY FARM

190 acres with 90 tillable, 32x100 dairy barn with 40x44 new addition, 58 tie stalls, pipeline, 2 silos with one unloader, 100 ft. mow conveyor, nice modern 4 bedroom, 1¾ baths home thats only 11 yrs. old. Call for more details.

Endless Mt. Real Est.
RD #1, Box 203 - A
Covington, PA 16917
Office Ph. **717-659-5684**
Richard Chamberlain Broker **717-549-4173**
Jake Ensminger Res. **659-5245**
Bill Smith Res. **549-5146**
Don Chamberlain Res **549-4721**

LEBANON COUNTY

148 Acre Dairy Farm, 4 silos 61 cows
183 Acre Obsolete Dairy, 130 bank barn - brick house

BERKS COUNTY

148 Acre picturesque 44 cow dairy

HUNTINGDON CO.

98 Acre General Farm with large barn & 2 dwellings

UNION COUNTY

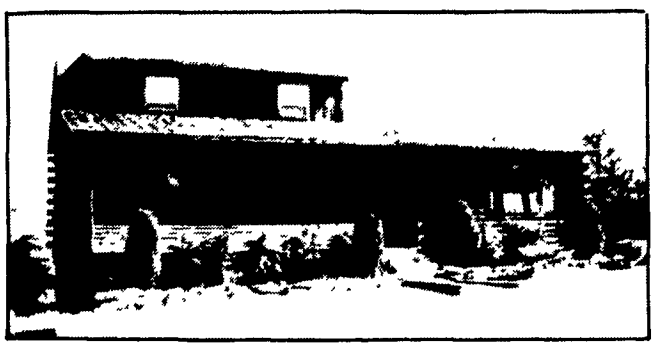
237 Acre [UNDER AGREEMENT] ttle & equipment.

MANY OTHERS TO CHOOSE FROM - CALL TODAY FOR A NO-NONSENSE INTERVIEW. LET US FILL YOUR DREAMS.

MAHLON OBERHOLTZER
Real Estate Agency
Smoketown, PA **717-392-1177**

TOUGH CHOICE!!

TWO GORGEOUS LOG HOMES WITH WOODED ACREAGE



This beauty sits on a hill surrounded by 19½ wooded acres, well off the main road and just 2 miles from Carlisle The home offers over 1800 square feet of living area with a spacious open design The living room features Cathedral ceiling and a wood/coal stove encased in a massive stone hearth The large kitchen has abundant counterspace and 'Quaker-Maid' Cherry cabinetry Stream borders property - plenty of wildlife!

This unique property is situated on 5½ wooded acres just 6 miles out of Carlisle. Includes OWNER OCCUPIED log chalet with beautiful in-ground pool, pavilion and lots of decks. Another single family home and a 4-unit apartment building generate good income (tenants pay all utilities). Also features 3-bay garage with workshop and dog kennels Rentals generate $2,000/month. (Main chalet could be 6th rental for additional $800-900 per month)

For details, call Phil Ruegg Real Estate.
After hours call Steve Ruegg, 717-249-7444.
SHOWINGS BY APPOINTMENT ONLY

PHIL RUEGG
249-7444
1602 Spring Road
Carlisle, PA 17013

THE REAL ESTATERS OF MANSFIELD

RD 1 Box 55, Mansfield, PA 16933
(717) 662-2138
Evening - 2363

GENERAL PURPOSE FARM
w/Nine room farmhouse Bank barn out back for hay up and animals down Across the road machine shop and equipment shed w/another barn with equipment down and hay up Tremendous road frontage on town gravel roads Centrally located to commute in several directions. $109,900 or possible subdivision M-334.

GENERAL PURPOSE FARM
Near Lindley, NY, approx. 190 acres of tillable, pasture & wooded land with stream. Very nicely remodeled 2 story, 3 bdrm farmhouse with $10,000 in kitchen alone Former dairy barn w/2 silos, heated garage/shop, machinery sheds & TV dish included Just $114,500 Additional 126± acres available w/farm or separately @ $350 p/a

OPERATING BEEF FARM
234 Acres Nice mix of fenced pasture with shade and stream as well as tillable fields Some woods 2 story bank barn set up for beef, additional outbuildings for beef and machinery Good 2 story 4 bedroom farmhouse remodeled and insulated with wood and gas heat Nice farm pond $115,000. Additional 150 acres bordering farm, completely fenced at $350 per acre. Northern Tioga County. M-282

ALL PURPOSE FARM
A barn with 45 stanchions that is high enough for horses. Silo, unloader, and much more. Older 3 bedroom, partially remodeled house needs a little tender loving care. New well and spring with mountain stream running through 105 acre farm. State lands near by. $130,000. M-315.

OPERATING DAIRY FARM
Near Wellsboro, 50 tie stall barn serviced by 2" stainless steel pipeline, Mueller bulk tank and 4 unit DeLaval milking system included. 20x30 Long Sealed, high moisture silo w/195 ton capacity and 16x40 concrete stave with unloader Attached heifer barn with 19 head feeder system 140± acres in good condition with some oquaga soils 2 story partially remodeled farm house previously set up for 2 families Just $159,000. M-289.

Century 21

Pace/Pace

New Bloomfield *717-582-8104*
Marysville *717-957-3866*
West Shore *717-761-4220*

"LOG HOME"
For Sale

Located in Franklin Co. one and one half miles from the Willow Hill Exit (14) of the PA Turnpike, one mile off Rt. 75.

Nicely secluded ten year old, three bedroom rancher on ten plus wooded acres of marketable timber. Large central chimney with fireplace and woodstove. Full basement with new oil furnace, one and a half baths, one car garage. $69,000.

Call Douglas Major
Sales Agent
717-444-3371

Free 7-8 Bdrm Farmhouse with the purchase of 270 acre farm. Property would make an ideal hunting preserve with 150 acres of woodland, some marketable timber, 80 tillable acres, stream & nearly 1 mile of paved road frontage $174,500.

91 Acre Beef Farm just outside Borough limits offers great investment potential Property includes a 3 bdrm ranch home with full bsmt., family rm , 1¾ baths Also there's a 12x55' mobile home for rental income & a lg bank barn Now reduced to $125,500

$445.75/Acre! 93 1 Acres o' great wildlife habitat in Middlebury Existing roads provide access to approximately 70 acres of woods - remainder open pasture $41,500

24 Acres with two rental mobile homes that have a common water supply & separate septic systems Acreage mostly open & level to rolling with a lg barn, stone granary & another well $46,000

Four Bay Garage w/concrete floor on ¾ acres along State Highway could be used for a shop or for storage. $3,850.

Hunter Investment Opportunity Large 2 story house, approximately 2000 sq. ft. Downstairs gutted & ready for remodeling. Good well, septic system, gas furnace & a recently constructed 2 car block garage. $12,500

REAL ESTATE
WILKINSON - DUNN
COMPANY

11 Central Avenue
P.O. Box 15
Wellsboro, PA 16901
717-724-3232

BEEF FARM SOUTH CENTRAL PA, VILLAGE OF NEWVILLE

80 Acre working cattle farm, bank barn, outbuildings, silo & year round stream. 4 Bedroom 2 story older log home, woodstove heat. Alot of potential in a quiet & secluded area. $160,000. Call Brad Fickes, B-H Agency, Realtors/ Better Homes & Gardens (717) 243-1000 or (717) 776-3318

A GERMAN-SWISS BANK HOUSE ON A 10-ACRE LOCATION IN SCHAEFFERSTOWN, PA

This property features a GERMAN GREAT ROOM with Pennsylvania White Pine, random-width flooring. Also, there is a blacksmith shop, 2-story detached garage, 3-stall (2 story) stable, riding paddock, meadow, and Belguim block driveway. Owner will consider subdividing a 7.5 acre parcel zoned WCD & R-1. This parcel features a pond site and old log cabin & barn. Call Jerry Groff.

717-273-7683 or
COLDWELL BANKER
MGM REALTY
717-273-9351 for details

TIOGA CO. DAIRY FARM - 210 ac., 130 tillable, 65 pasture, 15 woods. 68x40 barn w/36x60 addition, 58 stanchions, pipeline milking, 550 gal bulk tank, 2 silos w/unloaders & barn cleaner Beautifully remod fmhse with F/P, 2-cr gar , in-ground pool, new roof & furnace. Over 3600 ft road frontage on Rt 6 between Mansfield/Wellsboro $225,000 (W334)

RENOVATED FMHSE on 85 ac Spectacular setting, 2 ponds, 5 mi. from Wellsboro 1½ sty hse, 2-3 BR, 1½ baths, F/P & 1-cr gar All new mechanical components, new roof $119,000 (W357)

CAMP 5 25 wooded acres, mobile, marketable timber, walk to state land $10,000 (W348)

ERA-Homestead Realty
23 E. Ave.
Wellsboro, PA 16901
717/724-7161

FARMETTE - 3 BR farmhouse, 1¾ baths, gas heat w/lg garage on 4+ acres Small outbldgs $39,900 (W318)

REDUCED - Chalet, 60 ac, some timber, views for miles, private yet accessible 4 yrs old $91,900 (M168)

CAMP w/7 rms & bath near State Land, well & septic Includes all furnishings $25,000 (M220)

106 ACRES, 60% wooded/views/good hunting/lot of road frontage/quiet bldg site near Mansfield $58,000 (M227)

ERA-Homestead Realty
Rt. 15 So, PO Box 276
Mansfield, PA 16933
717/662-3287

36 ACRES, some woods, bordered by stream, nice bldg site Owner financing $15,000 (D555)

INVESTMENT PROPERTY or single family home Older home on lg corner lot, has been 2 apts , lg garage Live in one, rent the other $28,500 (D548)

RESTAURANT - EXCELLENT LOCATION. Operating business, nice site, well maintained, paved parking Partial owner financing $125,000 (D564)

ERA-Homestead Realty
168 W. Main St.
Westfield, PA 16950
814/367-2222

HOMESTEAD REALTY
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154 ACRE SHOWPLACE

York Co., PA

Ideal for farming or horses, pond, barn, pasture & exquisite 2½ story home plushly decorated throughout w/24x30 family room & stone fireplace. Suitable for the most demanding tastes. Red Lion Schools From Norman Wood Bridge north on 74 about 7 miles to Locust Springs Rd on right.

ABC REALTY, INC.
717-854-1703

PRICE REDUCED CARROLL CO. DAIRY FARM

Highly productive, 211 acre dairy farm, 155 acres tillable, Double 8 Herringbone, Bou-Matic milkers, automatic take-off, 2000 gal. bulk tank, 120 free stalls, 2 concrete trench silos and Agway gravity flow manure storage. Remodeled brick farm house with in-ground heated swimming pool, plus a 4 year old 3 bedroom rancher. Lease on Harvestore silos can be continued by buyer if desired. Price $675,000.

Call Bob Jones
301-848-7687 or 301-876-6161
RECK REAL ESTATE, INC.
Westminster, MD

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Gaines, PA 16921
(814) 435-6558

PERC APPROVED AND READY TO GO!
9 acre wooded tract. Building site has been cleared and driveway built.... $12,500.00 G-4425

17 acres. Terrific view $22,500.00 G-4443

2.4 acres. Wooded. Driveway cut in..... $5,200.00 G-4443

14 acres. Wooded, Septic system installed $16,950.00 G-4410

6 acres of gently sloping wooded land.. .... $10,500.00 G-4503

11 acres/Wooded Walk to State Land, Top of Mt Tom $10,500 00 G-4478

FANTASTIC VIEWS - From these 30 acres. Some woods. Excellent for home or campsite - $21,000.00 G-4508

A-FRAME NESTLED IN TREES - This 3 bedroom home is secluded on 3 wooded acres. There is also a guest house with ½ bath. Many amenities. Excellent condition - $69,500.00 G-4505

HOME AND LARGE GARAGE - On over 9 acres. This 60x40 garage has a monorail and is insulated. There is also a 30x24 barn in addition to the 2 bedroom residence Ideal as a camp or business location in Farmington Township - $38,750 00 G-4507

MASONRY CAMP - Walking distance to State Lands and Pine Creek. 2 bedrooms and gas heat - $27,400.00 G-4392

TOP SELECTION OF DAIRY & OTHER FARMS IN THE MOHAWK VALLEY IN CENTRAL NEW YORK

• OVER 200 FARMS• FREE CATALOG AVAILABLE

Farm and Rural Property Specialists
Homestead Realty
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Auriesville Rd. • RD 1 • Fultonville, NY 12072

DAIRY FARM FOR SALE BY OWNER

Located In Bradford Co., PA

133 acres tillable on good state highway in clean and green. Has a working shale pit and annual renewable gas lease.

House: 8 room house includes 4 B/R and 1 bath. Natural gas hot air heat, 200 amp, good drilled well, septic, deck off living room and attached one car garage.

Tenant House: 8 room house includes 4 B/R and 1 bath. Propane gas heat (natural gas available). Drilled well, septic. Presently rented — tenant pays all utilities.

Barn: 306'x40' barn with 100 milking stanchions and 50 young cattle stalls. 1250 gal. bulk tank, pipeline, 2 barn cleaners, 200 amp, 2 silos - 24'x70' & 14'x40', both with unloaders, furnished office. (Barn completely remodeled with new addition of 136'x40' in 1979).

Other buildings: three corn cribs (2 wire 40 ton cribs & 1 wooden 90 ton crib) 2 storage buildings.

Survey prior to closing.

Call **717-297-3832**
or 717-297-3532

For Sale By Owner:
167 acre Northeast Pennsylvania modern dairy farm, mostly tillable w/2 houses, nearly new freestall and dry cow facility. 4 silos w/unloaders, automated feeding, double six totally automated parlor, 1,500 gal. bulk tank, large, new machine shed. 5 car garage, in ground fuel tanks, beautiful home, secluded setting. Cattle, some machinery available.
717-222-4432

WE NEED DAIRY FARMS LOCATED IN SOUTHERN AND CENTRAL PENNSYLVANIA

NEW LISTING
GENTLEMANS 6.8 ACRE FARMETTE
Northeast Lancaster Co. stone 4 BR country home, circa 1800, overlooking a beautiful 20' wide stream. Ideal small barn, 3 car garage, 3 acres tillable plus pasture. $225,000

19 ACRE FARMETTE
Short drive south of Lancaster, 2½ story 3 bedroom home w/bank barn, 3 car garage, pole cattle building, completely finished for cattle or horses. Very unique ideal gentleman farm. Priced at $221,900

BEAUTIFUL 3 ACRE, stone, old, fix-up home, nice setting South of Millersville, Lancaster Co Priced under $100,000.

KINGSWAY REALTY
717-569-8701

123 Acre Farm For Sale By Owner

Located In the heart of the Cumb. Valley, Shippensburg, Pa. Limestone house built in 1804. Excellent condition. 5 fireplaces including a walk-in fireplace. 1½ baths, hot water heat, open stairway and tested well water. 50 + 75' barn, bottom part changed over for warehouse with stable for cattle. Out buildings in very good repair and land in good state of fertility. 20 acres pasture, fenced in, with cattle corral. Farm has beautiful view across valley.
Only interested parties call for appointment.

• Don Crouse
Phone: 717-423-5260

Longacre

SCHUYLKILL COUNTY
• 234 acre woodland tract, joins state gamelands, borders Rt. 81 & secondary road, Pine Grove area, good hunting area, call for details, $175,000.

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt. 100 Hereford, PA 18056
Ph: 215-679-5919

TIOGA COUNTY

• 351 Acre dairy farm, 325 tillable, features large 2 story dairy barn, 230'x42' w/hay storage on 2nd floor, three 2 story homes all in good condition, 2 machinery sheds, 4 car garage, level land, $385,000.

BRADFORD COUNTY

• 200 Acre Dairy Farm, with large 5 bedroom Victorian home sitting on a knoll, surrounded by 200 year old trees, excellent condition, pond & stream, 2 new Harvestore silos, 70 cow dairy barn, long fields, good soils, immediate occupancy. $325,000.

• 370 Acre Dairy Farm with 70 stalls, pipeline milker, 1500 gal. bulk tank calf & heifer area, 2 story home completely remodeled, kitchen, dining room, living room, 4 bedroom & bath, hardwood floors, small stream, $400,000.

• 343 Acre Dairy Farm, 200 T. w/76 stall large dairy barn with hay storage, pipeline milker w/800 gal. tank, barn cleaner, heifer barn, machinery shed, 3 silos, 20x55 conc., 18x55 conc. & 20x33 Harvestore. Lovely 2 story home with 4 bedrooms & 2 baths, eat-in kitchen, living room, laundry & full basement, swimming pool w/sundeck, $375,000.
Full line of cattle & machinery available.

• 500 Acre Dairy Farm, 450 tillable, features 184 freestall dairy barn, 125 stall heifer barn, double-8 milking parlor, two 1,000 gal. bulk tanks, two 100' bunk feeders, three 24x60 and one 20x60 concrete silos w/unloaders, lovely 4 BR home w/kitchen, LR, FR, office, den, laundry & bath. 2nd home 3 BRS & bath. Spring fed pond & much more. Call for details, $650,000. Cattle & machinery available.

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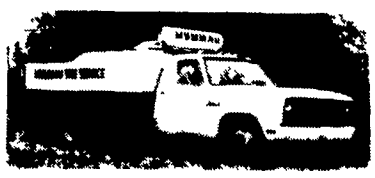
We Have Dating On All Brands — Ask For It!

ARMSTRONG



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ARMSTRONG

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16 9x24 6 Ply	$210 00
16 9x24, 8 Ply	$230 00
14 9x26, 6 Ply	$185 00
18 4x26 6 Ply	$260 00
18 4x26 10 Ply	$325 00
23 1x26, 8 Ply	$525 00
11 2x28 4 Ply	$120 00
12 4x28, 4 Ply	$137 00
13 6x28 4 Ply	$150 00
13 6x28, 6 Ply	$165 00
13 6x28, 8 Ply	$195 00
14 9x28 4 Ply	$165.00
14 9x28, 6 Ply	$185 00
14 9x28, 8 Ply	$210 00
14 9x28 10 Ply	$270 00
16 9x28, 6 Ply	$225 00
16 9x28 8 Ply	$245 00
16 9x28, 10 Ply	$290 00
16 9x30, 6 Ply	$240.00
18 4x28 6 Ply	$300 00
18 4x30, 6 Ply	$270 00
23 1x30, 8 Ply	$600 00
24 5x32, 10 Ply	$763 00
16 9x34, 6 Ply	$270 00
18 4x34, 6 Ply	$310 00
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11 2x38 4 Ply	$147 00
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13 6x38 4 Ply	$185 00
13 6x38 6 Ply	$205 00
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ARMSTRONG

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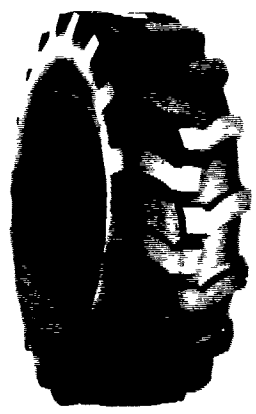

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18 4x24, 12 Ply	$430.00
19 5Lx24 10 Ply	$415.00
19 5Lx24, 12 Ply	$455.00
12Lx24, 12 Ply	$530.00
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23 5x25 12 Ply	$1,040.00
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16 9x24, 6 Ply	$230 00
16 9x24, 8 Ply	$245.00
16 9x24, 10 Ply	$295.00
17 5Lx24 8 Ply	$255.00
16 9x28, 8 Ply	$275.00
18 4x28, 10 Ply	$360.00
1300x24 10 Ply	$233.00
1300x24 12 Ply	$255.00
1400x24 10 Ply	$265.00
1400x24, 12 Ply	$295.00

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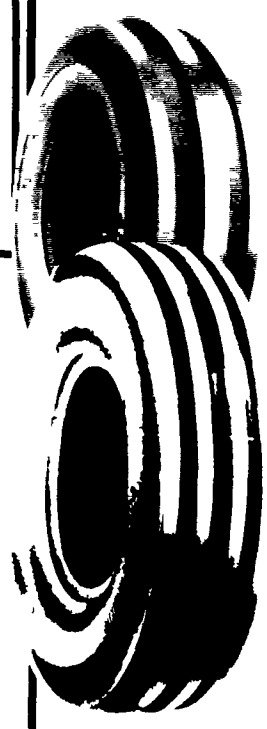

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400 19, 4 Ply	$31.00
500 15	$31.00
550 16, 4 Ply	$33.00
550 16, 6 Ply	$37.00
600 14, 6 Ply	$52.00
600 16, 4 Ply	$37.00
600 16, 6 Ply	$41.00
650 16, 6 Ply	$43.00
750L 15 6 Ply	$50.00
750-16, 8 Ply	$54.00
750-15, 6 Ply	$50.00
750 18, 6 Ply	$64.00
750 20, 6 Ply	$80.00
9 5L 15, 6 Ply	$58.00
9 5L-15, 8 Ply	$63.00
10 00-16, 6 Ply	$81.00
11Lx15, 8 Ply	$77.00
1100 16, 8 Ply	$110.00
14L-16 1, 8 Ply	$170.00

★ 4-RIB ★

11L 15 8 Ply	$81 00
10 00 16 6 Ply	$81.00
10 00 16 (TL), 6 Ply	$100.00
10 00 16 (TL), 8 Ply	$110 00
11 00-16 6 Ply	$102 00
11 00 16 (TL), 6 Ply	$112.00
11 00 16 8 Ply	$110.00
11 00 16 (TL), 8 Ply	$123.00
14L-16 1 (TL), 6 Ply	$180 00
14L 16 1, 8 Ply	$164.00
16 5L 16 1 (TL) 8 Ply	$250 00

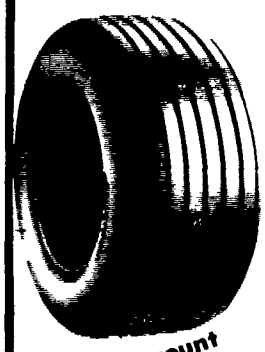
★ 5-RIB ★

1100x16, 12 Ply, Tubetype	$145 00
1100x16, 12 Ply Tubeless	$160 00

Small Rear Farm Tires

750x20, 4 Ply	$64 95
750x24, 4 Ply	$69.95
8 3x24, 4 Ply	$82.00
9 5x24, 4 Ply	$92 00
11 2x34 4 Ply	$142 00
11 2x36 4 Ply	$144.00
12 4x24 4 Ply	$123.00
12 4x36, 4 Ply	$190 00
13 9x36, 6 Ply	$200.00

WAGON TIRES



26 1200x12, 4 Ply	$50.00
8 51x14, 6 Ply	$43.00
9 5Lx14, 6 Ply	$46.00
9 5Lx14, 8 Ply	$51.00
9 5Lx15, 6 Ply	$43.00
9 5Lx15, 8 Ply	$45.00
11Lx14, 6 Ply	$49.00
11Lx15, 6 Ply	$44.00
11Lx15, 8 Ply	$48.00
11Lx15, 10 Ply	$65.00
1000x15, 8 Ply	$60 00
11Lx15, 8 Ply Tubeless	$52.00
11Lx16, 8 Ply	$60.00
11Lx16, 10 Ply Tubeless	$78.00
12 5Lx15, 10 Ply	$76.00
12 5Lx16, 14 Ply	$88.00
12 5Lx15, 12 Ply	$87.00
14Lx16 1, 12 Ply	$140 00
16 5Lx16 1, 10 Ply Tubeless	$165.00
25x7 50x15, 4 Ply Tubeless	$46.00
25x7 50x15, 6 Ply Tubeless	$51.00
27x9 50x15, 4 Ply Tubeless	$55.00
27x9 50x15, 6 Ply Tubeless	$62.00
27x9 50x15, 8 Ply Tubeless	$67.00
31x13 50x15, 6 Ply Tubeless	$92.00
31x13 50x15, 8 Ply Tubeless	$100.00

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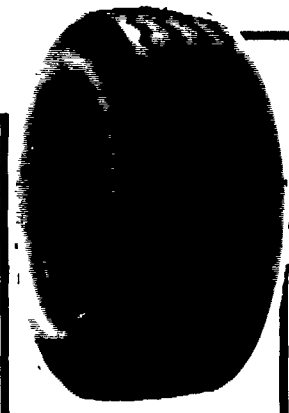
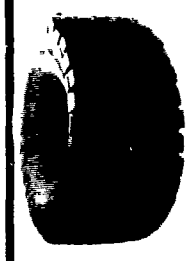


CONTRACTOR F-3

11Lx15, 8 Ply	$80.00
11Lx15, 10 Ply	$90.00
11Lx16, 8 Ply	$92.00
11Lx16, 10 Ply	$99.00
750 800x16, 10 Ply	$80.00
11Lx16, 12 Ply.	$130.00
145 - 75 - 16 1, 10 Ply	$225.00

3 WHEELER TIRES

20x7 00-8	$35.00
21x7 00-8	$33.50
22x11 00-8	$38.01
22x8 00-10	$40.75
22x11 00-10	$45.95
25x12-9	$54.71
18x950-8	$30.65



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8 3x24	$100.00
9 5x24	$112.00
14.9x24, 6 Ply	$200.00
16.9x24, 8 Ply	$210.00
18 4x16, 6 Ply	$245.00
18 4x26, 6 Ply	$360.00
13 6x28, 6 Ply	$225.00

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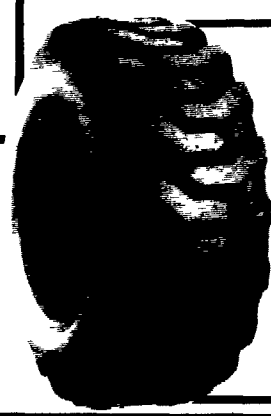

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23 850x12, 4 Ply	$47.00
27 850x15, 4 Ply	$51.00
27 850x15, 6 Ply	$65.00
27 1050x15, 6 Ply	$70.00
700x15, 6 Ply	$65.00
750x15, 6 Ply	$68.00
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Steel Shield	
10-16.5, 6 Ply	$95.00

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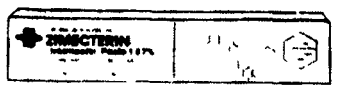

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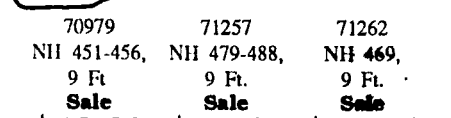

70979	71257	71262
NH 451-456, 9 Ft	NH 479-488, 9 Ft.	NH 469, 9 Ft.
Sale $46.69	**Sale $68.50**	**Sale $79.95**
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71268		71312
Hesston 1090, 9 Ft,		IH 1190, 9 Ft.
Sale $56.95		**Sale $71.95**

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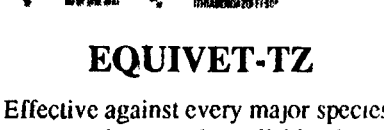

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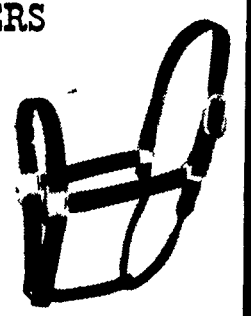

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(73557)
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Holes punched on standard 2" centers for 7/16"x2 1/2" sweep bolts. **Specify Half Sweeps When Desired.**

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71164	10"	31610	3.19
71166	12"	31612	3.49

SKU #			Price
71159	**6"**	**Left**	**2.39**
71158	6"	Right	2.39
71162	8"	Left	2.69
71163	8"	Right	2.69

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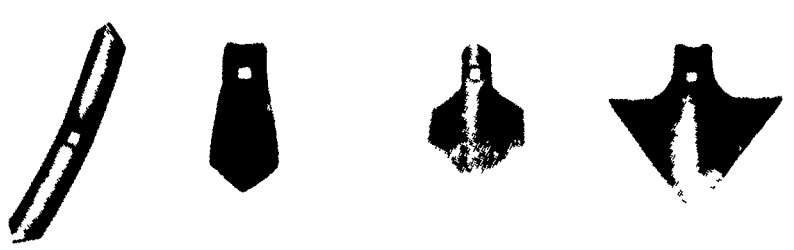
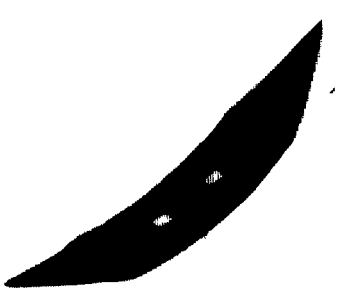


WK1	WK2	WK4	WK7
1-3/8"x8-1/8"x1/4	2-3/4"x3/16"	4"x3/16"	7"x3/16"
(73553)	(73554)	(73556)	(73558)
89¢	**$1.19**	**$1.19**	**$1.89**



1/4" x 1 3/4" x 11 1/2"
Two 7/16" Holes On 1 3/4" Centers
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5/16" x 1 3/4" x 11 1/2"
Two 3/8" Holes On 1 5/8" Centers
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Spring Preview Market Lamb Show Held

SHIPPENSBURG — The Fourth annual Spring Preview Market Lamb Show was held recently at the Shippensburg Fair Grounds. Eighty-five lambs were exhibited by 4-H and FFA youngsters from Pennsylvania and Maryland. Judge J.D. Warfield from Marriottsville, Maryland placed the lambs based on a combination of future potential and show day quality.

The 1988 grand champion and winner of the $100 jackpot and a printed show blanket was Amy Eshelman of Sinking Spring. Her 110-pound Suffolk lamb was the winner of the heavyweight class. Eshelman's lamb was purchased at the "Top of the Class Club Lamb Sale" from B & B Livestock.

The reserve grand champion show blanket and $50 jackpot award went to Eric Berkheimer from Mechanicsburg. Berkheimer's 95-pound Suffolk lamb was purchased from Pine Haven Farm of Newville.

In a special "Whiteface" class, Erick Hayes of Tyrone walked away with top honors with his 90-pound Dorset lamb.

The record 85 lambs walked away with more than $500 worth of cash and awards. The show was sponsored by the 5 Star Livestock Association with each class having a special award presented by the following sponsors:

Pine Haven Farm, Newville; Buster Wilson, Rural Retreat, Va.; Berkheimer Farms, Mechanicsburg; Mr. and Mrs. E. Richard Eberts, Carlisle; George's Flowers, Carlisle; Streetside Suffolks, Frederick, Md.; B & B Livestock Co. Inc., Danville, Oh.; David Harpster, Boalsburg; Sulfur Run Farm, Carlisle; Joan L. Conaway, Sykesville, Md.; Duff George, Shippensburg; Wey Farms, Mertztown.

The Dorset lamb shown by Erick Hayes of Tyrone took the grand champion Whiteface honors.

Grand Champion
Amy Eshelman
Reserve Grand Champion
Eric Berkheimer
Whiteface Champion
Erick Hayes
Whiteface Reserve Champion
Todd Robert

Class 1, 47-70 lbs.
1 Laura Folker, 2 Joyce Harpster, 3 Todd Robert

Class 2, 71-80 lbs.
1 Dawn Curtis, 2 Joyce Harpster, 3 Stacy Brashear

Class 3, 82-89 lbs.
1. Michael Klinedinst, 2 Dawn Curtis, 3 Kristin Chupp.

Class 4, 90-95 lbs.
1 Eric Berkheimer, 2 Joyce Harpster, 3 Kristin Chupp

Class 5, 98-105 lbs.
1 Laura Folker, 2 Chad Folker, 3 Mike Cornman

Class 6, 110-120 lbs.
1 Amy Eshelman, 2 Erick Hayes, 3 Stacy Brashear

Eric Berkheimer, right, of Mechanicsburg showed the reserve grand champion. His sponsor is John Conway from Pine Haven Farms in Newville.

Christine Davidson Selected Cumberland Dairy Princess

MECHANICSBURG (Cumberland) — Christine Davidson was crowned 1988 Cumberland County Dairy Princess at the 21st Annual Princess pageant held Friday evening, June 17, at the Embers Convention Center on the Harrisburg Pike.

Recently completing her junior year at Shippensburg High School, Christine is current president of the Shippensburg Chapter of FFA. Having competed on the state level in the FFA Public Speaking contests, she excells in public speaking skills.

Christine is also currently president of the 4-H West Horse Club and is an active member of the Cumberland County 4-H Horse Club. She is also an active member of her church youth group and church newspaper. After graduation, Christine plans to attend Penn State where she will major in Pre-Vet or Agri-Business Management.

Selected as the county's Alternate Dairy Princess for the upcoming year was Joann Glesner. Joann recently completed her junior year at Big Spring High School where she is active in the marching band, the concert band, and jazz band. Joann has served as a junior dairy representative in the past.

Joann's responsibilities on her parents' farm include milking and many other odd jobs. After graduation, she plans to study nursing.

Christine Davidson's promotional skit was geared to younger audiences. It was a delightful storybook tale of "Cindy and the Dairy Ball." Using a giant storybook, Christine told her bedtime story of Cindy and the "fairy god cow" to her teddy bear nestled in a small rocking chair.

Playing the "moo-juice salesman," Joann sold her dairy products to an older lady explaining their nutritional value in her sales pitch. Joann invited everyone to become part of the "moo-juice" crowd.

Entertainment for the evening was provided by a "Grade A" Band of Harrisburg. Scott Smith of Shippensburg served as the Master of Ceremonies.

In her farewell speech, Patty Dunkleberger thanked many people including her parents for their support. Patty was presented a special award for 103 appearances that lagged 3,000 miles in covering four counties.

Judges for the evening were Helen Sunday, Sally Sheeley, and Vicki Bashore all from Mechanicsburg.

The 21st Cumberland County Dairy Princess Pageant was held recently at the Embers Convention Center, Carlisle. Miss Christine Davidson (Center) Shippensburg, daughter of Mr. and Mrs. Robert Davidson, was selected the 1988 Princess. Joann Glesner, (Right) Newville, daughter of Mr. and Mrs. J. Glenn Glesner, was selected Alternate Dairy Princess. Shown with Chris and Joann is Patty Dunkleberger, (Left) the 1987 Cumberland County Dairy Princess.

Linda Buffington Named Dauphin County Princess

MILLERSBURG (Dauphin) — The new 1988-89 Dauphin County Dairy Princess is Linda Buffington of R.D.#1 Millersburg. She was crowned by the 1987-88 princess, Tammy Lesher of Gratz, at a pageant held June 17, in the newly built Ag Center Auditorium in Dauphin. Linda is the 16-year-old daughter of Donald and Betty Buffington and will be a senior at Upper Dauphin Area High School this fall. She is active in various school and community activities including; marching and concert band, chorus, wrestling cheerleader, youth fellowship, FFA and 4-H. She's also employed part-time at the Susquehanna Lutheran Village.

Named as alternates were Daniell Witmer of Elizabethtown and LaRay Lesher of Gratz. Daniell is the daughter of Mr. and Mrs. Kenneth Witmer. She will be a senior at Lower Dauphin High School and is a member of the National Honor Society, Track and Cross-Country team, and a student athletic trainer, president of the student council and active in 4-H.

LaRay's parents are Mr. and Mrs. John Lesher. LaRay will be a senior at Upper Dauphin Area High School and is a wrestling statistician there. She enjoys participating in the Big Sister program, youth group and the volleyball team.

During the pageant, several former princesses, Tammy Yost, Ann Kopp, Patti Lytle, and Margie Hartz, shared some of their experiences.

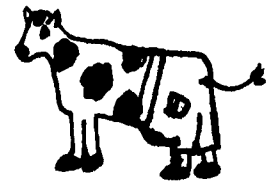
Master of Ceremonies for the evening was Calvin Musser of Elizabethville and serving as judges were Sally Lucas, Elizabethville; Robert Smith, Annville; and Dr. Leroy Smeltz, Hegins.

Newly crowned Linda Buffington with alternates, LaRay Lesher and Daniell Witmer represent Dauphin County as dairy ambassadors.

Dairy Shorts

FREEZE BUTTER

Butter may be frozen in its original container for one month if it's kept at 0 degrees F. Should you want to freeze it for a longer period, say six to eight months, wrap it in moisture and vapor-proof packaging to keep solidly frozen.



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June is dairy month

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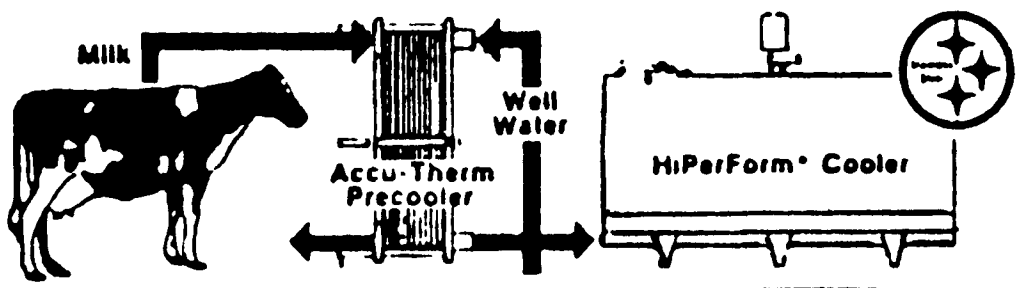

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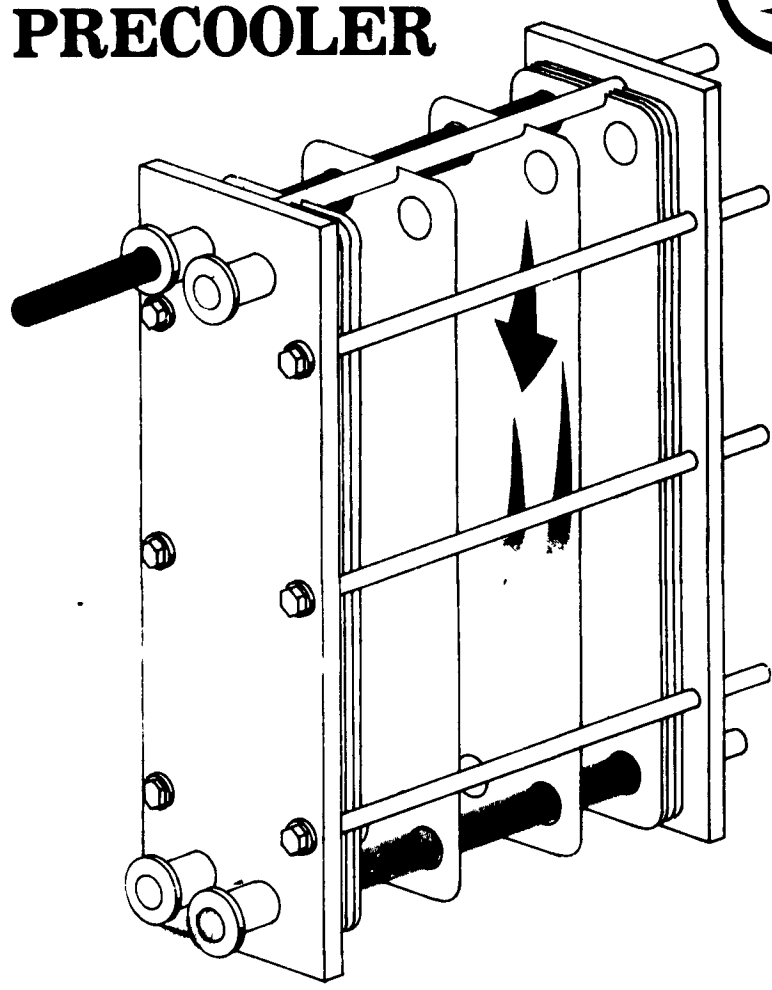

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PH [illegible] 29[illegible]

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Huntingdon County Crowns New Dairy Princess

BETSY YODER
Huntingdon Co. Correspondent

Julie Hall, Huntingdon, was crowned the 1988 Huntingdon County Dairy Princess June 18. The pageant followed the Holstein club's annual chicken barbecue.

Julie, the daughter of Raymond and Savannah Hall, received the crown from last years princess Julie Metz. She attends Huntingdon Area High School, where she is involved in marching, concert and county band; and as baseball statistician and on the yearbook staff. Other activities include the 4-H dairy club membership and Valley View Alliance Youth treasurer.

After graduation, Julie plans to attend Bradford Business School to major in accounting.

During the pageant, contestants were questioned on their knowledge of the dairy industry. The judges asked: "What is the one thing you could do best to promote or improve the dairy industry?" Her answer was to tell more people to drink milk and tell them about it's nutritious qualities, and encourage young people to be dairy farmers.

Jamie Kling of James Creek will assist Julie as alternate princess. She is the daughter of Dale and Ethel Lemin and is a graduate of Tussey Mountain High School. School activities included band, head majorette and student council. Other interests include Community 4-H club, district Sunday School teacher and officer. Jamie plans to major in nursing at Geisinger Medical Center.

Julie Metz commented about her as dairy princess, saying that it went by so fast. She traveled 3,200 miles promoting milk this year. Julie said it was a real education and an experience she would never forget.

Judges for the event included Nancy Kocher, dairy farm wife, Sonja McDonald, dairy farm wife, and Barry England, vet and dairy farmer.

Julie Hall was crowned the new Huntingdon County princess by last year's princess, Julie Metz. Jamie Kling, left, will assist Julie with promotional duties.

Tobacco Company Grants To PSU

LANDISVILLE — R.J. Reynolds Tobacco Company presented the Pennsylvania State University College of Agriculture with grants totaling $9,000.

A research grant of $3,000 will be used by Dr. John Yocum to continue tobacco breeding projects, investigate the effect of plant maturity on quality, and study sources of nitrogen effects on quality.

A grant of $1,000 will be used to conduct a grower survey of needs in tobacco extension and to support the Lancaster County Tobacco Show.

A grant of $5,000 was made to the Dean of the College of Agriculture for his discretionary use in the development and improvement of programs within the College.

A. R. Mitchem, senior agricultural R&D coordinator for Reynolds Tobacco, presented the check for the grants to Dr. John Yocum, senior research associate at the Southeastern Field Research Laboratory.

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PROGRAM
THURSDAY, JULY 21, 1988
7:00 p.m. to 9:00 p.m. - Registration and Welcome

FRIDAY, JULY 22, 1988
9:00 a.m. to 5:00 p.m.
6:00 p.m. - Banquet
7:00 p.m. to 9:00 p.m.

SATURDAY, JULY 23, 1988
9:00 a.m. to 3:00 p.m.

SATURDAY - SPECIAL EVENT
3:30 p.m. to ? - Picnic with Jim and Jane at Green Vistas Farms

NATIONALLY RECOGNIZED SPEAKERS TO PARTICIPATE

DR. DAN SKOW, FAIRMONT, MINNESOTA
Dr. Dan Skow presents a new concept of energy management as a guide to fertilizer application.

DR. ROBERT FISHER, RICHMOND, VIRGINIA
Dr. Robert Fisher, Director of Plant Biotechnology Research Laboratories at Virginia Commonwealth University will discuss cytokinin activity and growth promoting characteristics of NITRO/MAX.

DR. DALE SCHURTER, LONG ISLAND, NEW YORK
Dr. Dale Schurter, world traveler and lecturer will discuss the worldwide interest in chemical free agriculture.

CHARLES WALTERS, JR., KANSAS CITY, MISSOURI
Charles Walters, Editor of ACRES, U.S.A., as always, The Voice For Eco-Agriculture, gives a status report.

DR. AKHTAR KHWAJA, OSHKOSH, WISCONSIN
Dr. Akhtar Khwaja is President of K-Ag Laboratories International. Dr. Khwaja has traveled in over 40 countries doing research and consulting on high-value crops.

MARK D. McINTYRE OFFICE OF VICE PRESIDENT BUSH
Mark McIntyre will explain the new role of USDA in implementing programs of research and education concerning alternative, low-energy sustainable programs for agriculture that are ecologically safe and economically feasible for farmers.

YOU HEARD IT ALL FROM ME BEFORE, BUT NOW IT'S OFFICIAL. QUOTES FROM "THE KIPLINGER AGRICULTURE LETTER" APRIL 8, 1988

Makes no difference what you call it... alternative, regenerative, renewable, low-input, organic, sustainable or some other terminology...

There's a new kind of agriculture starting to emerge in the U.S. Has implications for producers, processors, all agribusiness. Ties to...

Fewer chemicals. Better soil stewardship. Cleaner environment. What many considered to be an embryonic movement that would die aborning a few years ago is now starting to bloom...fast approaching full flower.

AND...

Congress is feeling the heat... reacting to the rising pressures. It directed USDA to conduct a $4-million study of low-input agriculture. And even pro-farmer, pro agribusiness lawmakers take notice, pay attention to demands from groups pushing to clean up the water, air and food supply.

AND...

A gradual shift, not an abrupt change from conventional methods. But broad-based...occurring countrywide among many kinds of enterprises.

Prodded as much by economic realities as environmental concerns.

EXCERPTS FROM "THE WASHINGTON POST" MARCH 17, 1988

Orville G. Bentley, Assistant Secretary for Science and Education, said ways would be sought to replace synthetic chemical pesticides and fertilizers with "More harmless and sustainable methods" in an effort to reduce water pollution and human health hazards linked to "excessive use" of these substances.

Bentley said that low-input farming systems are "an idea whose time has come."

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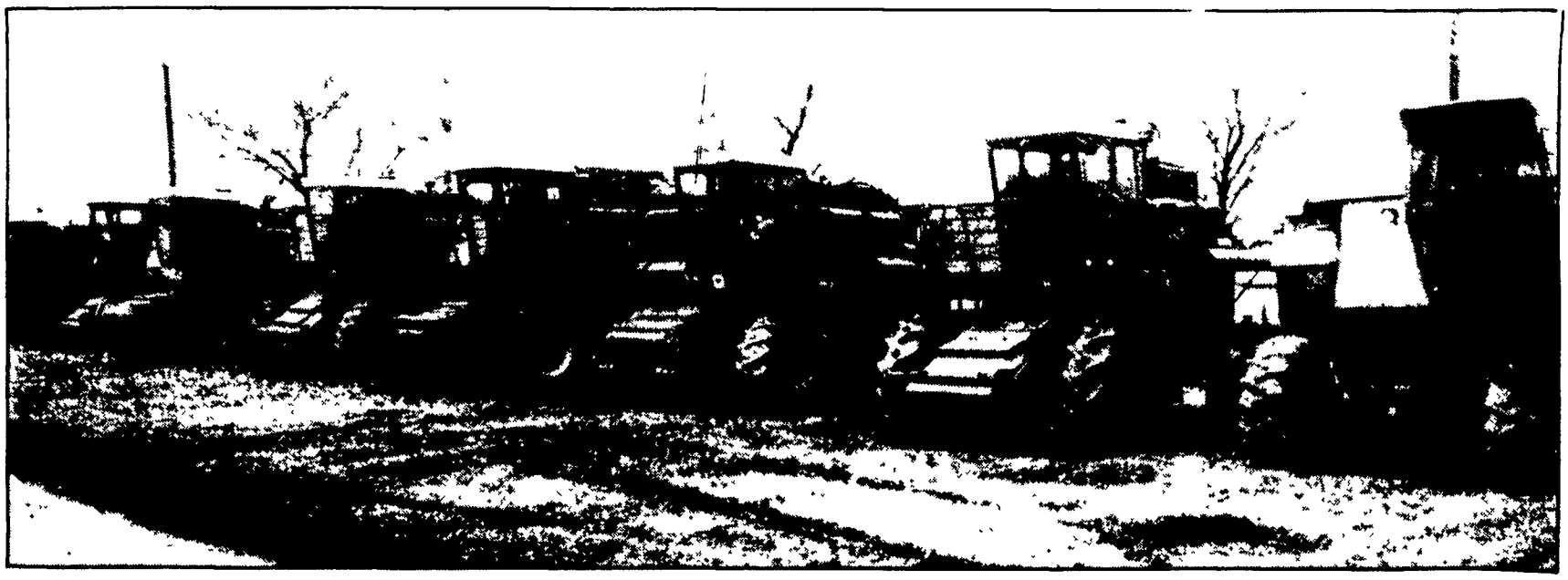

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FAIR DAYS

Schuylkill County Fair

Five years ago a small group of dedicated people got together with a dream to again have a fair in Schuylkill County like we had many years ago at the current site of Cressona Aluminum. Through lots of hard work and with the help of many people, the dream became a reality.

Although starting out slowly, the Fair has steadily grown each year with the attendance in 1987 reaching 32,000. In fact, in this short time, we outgrew our site at Penn State and a search for a bigger area began. After many, many locations were considered, an ideal location was discovered at the former grounds owned by Happy Holiday in Summit Station. With the help of several local lending institutions, financing in the amount of $190,000.00 was obtained and the property was purchased. This property was idle for several years with no improvements or maintenance being done at all. This means that much work is needed to continue the dream that was started only five short years ago.

Why do the citizens of Schuylkill County need to know all this? BECAUSE WE NEED YOUR HELP!!! We desperately need people, especially craftsmen and electricians in particular, to volunteer some time to the Fair. Each Thursday night now until the Fair in August, a work party night is held. There are all sorts of tasks that guys, gals, and even the children can help us with to make the Fairgrounds something we can all be proud of.

Even if you can't volunteer your time, please consider a monetary donation. This land has not been donated. We desperately need your financial support to make the large payments associated with this kind of purchase.

We're doing our very best to give the citizens of our county a fair we can all be proud of. Won't you join us? Ray Gaston, president, Schuylkill County Fair Association, Inc., P.O. Box 445, Schuylkill Haven, Pa. 17972.

Schaefferstown Folk Festival

New features at Historic Schaefferstown's 1988 Folk Festival will be Wool and Soup Day on Saturday, July 9 and Dutch Picnic Day on Sunday, July 10.

Saturday will feature a sheep-to-shawl demonstration, rug braiding and hooking. Music will be provided by the Country Classics.

Also, on Saturday, the second annual black raspberry custard pie baking contest will be underway before noon. Prices are $75 for the winning pie and $25 for the second rating.

Sunday only will feature sheep herding with Scotch Border collies, the Traditional Reformed Church service in German at 2P.M. and the Rehrersburg Band at 1 P.M.

The new old-time Dutch picnic will begin at 1 P.M. on Sunday with high cakes and the drinks and foods of yesterday's farm communities. Children's games, including a maze, will follow the picnic.

Both days will have craftsmen demonstrating, farm harvesting and threshing and a 100-year-old sawmill in operation. Visitors may see the large collection of farm implements, visit the gift shop and enjoy tours of the unique 1760 Schaeffer House, with its distilling cellar, also the garden, log house over the spring, the barn, the blacksmith shop, the dry house and a beautiful 90-acre farm.

Come and taste the old-time foods. Inside the house, the two large fireplaces will be cooking traditional foods from old recipes and the large 1771 bake oven will be baking pies and cookies on Saturday and a typical Dutch meal on Sunday. Outside the house the Dry House will be preserving string beans, apples (schnitz), corn and other farm products. Cooking demonstrations with outdoor kettles will include more than 20 traditional foods such as ham cooked with dried string beans, dried corn, fruit fritters, and pot pie.

Tasting samples will also include cherry pie, schnitz pie, black raspberry custard pie and the big favorite drink raspberry shrub. Other drinks available on the grounds will include lemonade, vinegar punch, and peppermint water.

Enjoy home-made soups, Krall's famous sausage sandwiches and many other Dutch foods.

Copies of Schaefferstown's fourth annual recipe booklet will be available and other recipes will be given free to visitors.

Schaefferstown is located at the junction of Routes 501 and 897 in Lebanon County. Admission is $2.50 for adults and children under 12, free.

Union County West End Fair

The 63rd Annual Union County West End Fair will be held Sunday, July 31 to Saturday, August 6 in Laurelton, Penn. Special events include a volleyball tournament, livestock judging, a petting zoo, horseshoe pitching contests, Miss Union County pageant, mule jumping contest, and a tractor pull.

Other entertainment includes Harry Albacker, magician; Frenz; Buffalo and Brandy Show; Jim Ed Brown, and Jeannie C. Riley.

Admission is $2 per carload on and after 6 p.m. Monday; $2 per person on and after 4 p.m. on Tuesday and Wednesday; $3 per person on and after 4 p.m. on Thursday; $3 per person on and after noon on Friday; and $2 per person between 8 a.m. and 9:30 p.m.

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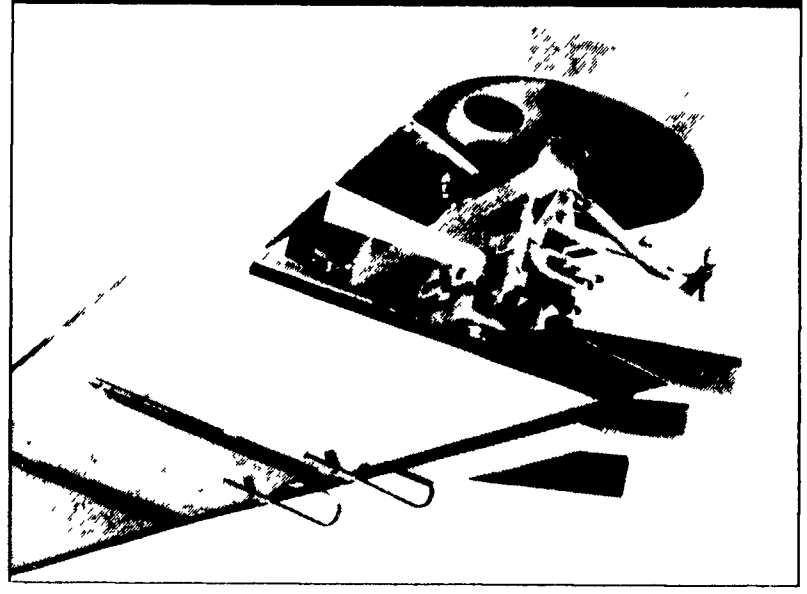

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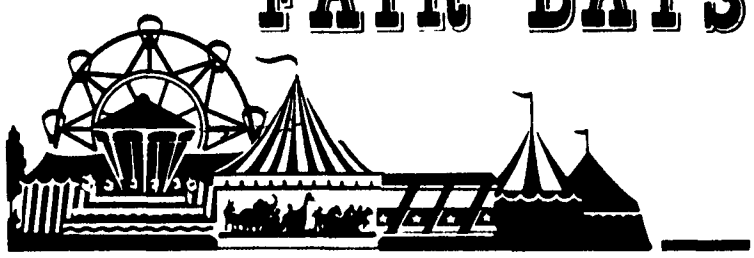
FAIR DAYS



Heyday Planned By Tri-State Walking Horse Association

LITITZ (Lancaster) — Tennessee Walking Horse lovers and horse lovers in general are invited to the first area Heyday on Saturday, July 9 at the Quentin Riding Club in Quentin, Penn.

The day's activities begin at 8:00 a.m with classes for conformation and showmanship, and others such as Western riding, trail racking, English Plantation Pleasure, pursuit, white knuckle, and pole bending.

After lunch, there will be buggy driving, barrel racing, a costume class, and a class where bareback riders try to keep a dollar bill pinned between their leg and their mount. There also will be many other classes.

After the horses are fed and watered, so will the people be at a buffet dinner to be held in the Quentin Riding Club restaurant followed by dancing. The dinner will cost slightly more than $12 per person.

For more information on the Heyday, call 301/876-8629 or 301/669-2500 during daytime hours and 301/876-1181 or 301/876-8297 during the evening.

Camden County 4-H Fair

Looking for fun with an emphasis on family? Try the 1988 Camden County 4-H Fair, July 14-16. This fair is held at the 4-H fairgrounds in the Lakeland Complex, Blackwood, New Jersey. Admittance is free. Parking donation $2.

Grand opening ceremonies with a parade begin at 6 PM, July 14. The 4-H page, king, queen & equestrian contests, with Miss New Jersey as emcee and a square dance follow. The fair goes into full swing on Friday and Saturday from 10 am to 11 pm.

Friday highlights include the open pet show in which any child can enter a pet; a chicken barbecue; "The Philadelphia Zoo on wheels"; karate demonstrations; and a dance with entertainment by deejay Rich DeColli.

The open horse show, baby parade, clowns, a radio-controlled airplane demonstration, the 4-H talent show, strolling minstrels and ragtime music by Danny Kean are a few of the attractions on Saturday's program.

The fair features 4-H educational exhibits, Skelly's amusement rides, game booths, pony rides, Smokey the bear, commercial exhibits, entertainment and much more.

Lamb & Wool Festival

Lamb & Wool festival, sponsored by the PA Sheep & Wool Growers Association, will be held at Penn State Ag Arena on July 8 & 9, 1988. There will be Sheep Dog demonstrations on both days as well as arts & crafts booths, sheep and lamb supplies, and equipment. The festival is open 9:00 to 7:00 daily in conjunction with Keystone Stud Ram & Ewe Sale.

Inventory Underway

The Lancaster County Planning Commission recently received a $12,000 grant from the Pennsylvania Department of Community Affairs to conduct a systematic Countywide inventory of significant natural areas. The inventory will be performed by the Lancaster County Planning Commission in cooperation with the Pennsylvania Natural Diversity Inventory office of the Nature Conservancy.

The first step in the project will be a public meeting held on Thursday, July 7, 1988, at 7:00 p.m., in the Sixth Floor Conference Room of the Lancaster County Courthouse, 50 North Duke Street, Lancaster, PA. The purpose of the meeting will be to provide an overview of the Natural Heritage Project, and to solicit public input through participation in the Natural Heritage Task Force.

Representatives from the Planning Commission and the Nature Conservancy will present a slide show and be available to answer questions about the inventory.

Information gathered through the inventory will be especially useful in helping municipal and County planning groups identify potential conflicts between proposed development and the natural environment.

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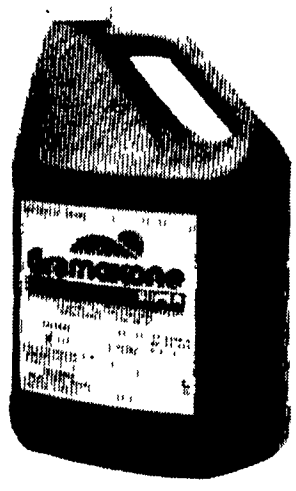

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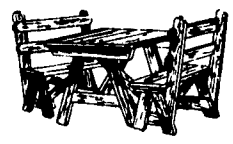

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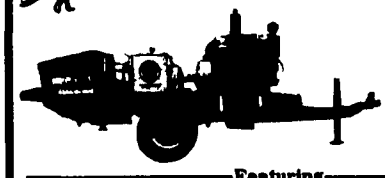

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4-H HAPPENINGS

4-H Exchange

Adams County 4-H Teens are involved in a 4-H Exchange Program with Mercer County, Ohio. Our teens will be spending a week in 4-H host families in western Ohio. The basic design of the 4-H Exchange Program is to acquaint youth from both counties with the differences and similarities between the cultures of two geographic areas of the United States. Each teen will have his or her own host family to live, work, and explore with.

This is the second and final stage of the program between Adams and Mercer Counties. In 1987 Adams County 4-H families hosted 4-H teens from Mercer County for a week. We provided a similar cultural experience for the Mercer County 4-H Teens.

While living with their host families in Ohio 4-H'ers will tour various industrial, agricultural, and tourist sports in the area. Specific areas include: Indianapolis 500 Raceway and Museum; Grissom Air Force Base; Cincinnati Baseball Game; Blue Jacket Theater; Seminary, New Idea Farm Machinery, and Huffy Bicycle.

While traveling to Ohio, Adams County 4-H Teens will stop at Pittsburgh to visit the Zoo, Duquense Incline, and Point State Park.

The Adams County 4-H Senate is co-sponsor of the exchange trip and has raised support funds through various sales this winter.

This is the thirteenth consecutive two year 4-H Exchange Program Adams County 4-H Teens have participated in since 1963. The states include: Maine (2); Tennessee (2); Wisconsin (2); North Carolina; Indiana; Iowa; Minnesota; Illinois; Michigan.

Those participating in the 1988 4-H Exchange are: Amy & Gayle Weant, Littlestown; Jacki & Jean Sterner, Gettysburg; Noel & Karen King, York Springs; Korie Livelsberg, Gettysburg; Chris Todt, Hanover; Crystal Renoll, Aspers; Amy Brodbeck, East Berlin; Jayne Hess, Gettysburg; Val Harrison, Littlestown; Melanie Kuntz, Gardners; Dana Simpson, Gettysburg; Mandy Hilbert, Littlestown; Teri Shull, New Oxford; Amy Miller, New Oxford; Rachael Millar, New Oxford; Mindy Hinkle, East Berlin; Kristi Mummert, East Berlin; John Morton, Biglerville; Daniel Grim, East Berlin; Dave Seymore, Gettysburg; Tony Spangler, Gettysburg; Kevin Grim, Thomasville; Mike Hawn, Gettysburg; Mike Peters, Gardners; Jamie Boyer, East Berlin; Earl Wilkinson, Gettysburg; Denton Guise, York Springs; Andy Meckley, Abbottstown; Arlyn Meyers, Gettysburg; Chaperones - Teresa Murren, McSherrystown; Bonnie and Louy Kuntz, Gardners; Karol Sherman, Abbottstown; Joan Grim, Thomasville; Jared Tyson, County 4-H Agent; and Paul Jay, Bus Driver.

Public Speaking, Presentation

An enthusiastic group of 4-H Club members presented public speeches and presentations at the York County 4-H Public Speaking and Presentation Contest on June 20, 1988.

The top scoring senior public speech, entitled "Youth Want to be Heard", was presented by Gail Rishel of the Seven Valleys 4-H Club. Kendra Miller of the Wellsville Boots and Saddle 4-H Club receives top-scorer honors in the senior animal science division by presented a demonstration entitled "Is There Magic in Horse Safety?"

The top-scoring presentation in the junior plant science category was "Garden Under Glass" presented by Jessica Price of the Davidsburg 4-H Club. Hannah Stauffer of the Wellsville Boots and Saddles 4-H Club topped the junior animal science division with a presentation entitled "The Nutrition Mission". "Entomology" was the title of the top scoring presentation given by Vanessa Debnam of the Hanover 4-H Club in the junior general division.

Also receiving blue ribbons in the senior public speaking contest were Tina Shaffer, Wendy Debnam, and Beth Shultz. Other blue ribbon presentations were given by Kelly Graham, Amy Trowbridge, Jamie Albright, Susan Lingenfelter, and Cory Miller.

Contestants received montary prizes donated by the Hamilton Bank.

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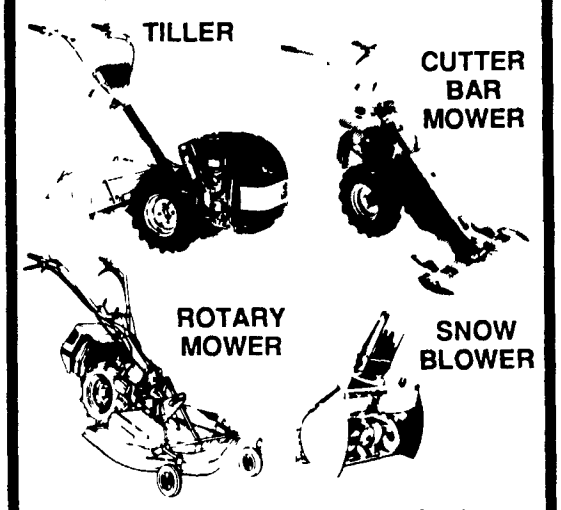

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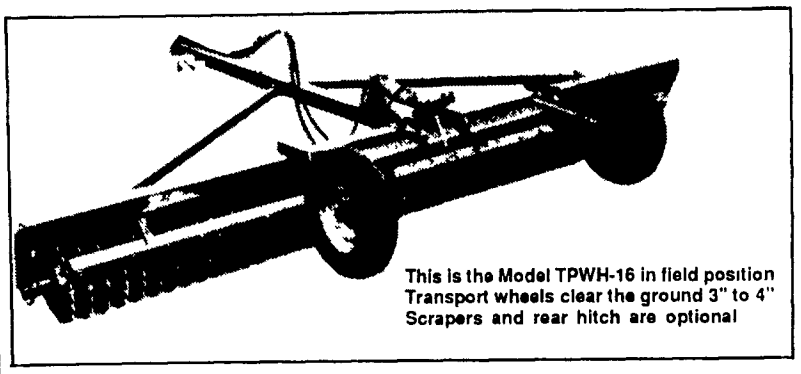
NEW! Brillion

TPW WIDTH-WISE TRANSPORT PULVERIZERS

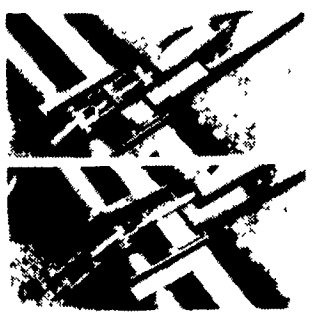
As the leading manufacturer of pulverizers, Brillion builds a wide range of single and multiple gang, as well as folding models. Sizes are available from 6' to 32'8", with a variety of roller wheel designs and sizes to meet different soil types and conditions



This is the Model TPWH-16 in field position Transport wheels clear the ground 3" to 4" Scrapers and rear hitch are optional

The TPW model pulverizer may be transported width-wise and is designed to tow behind other implements, such as field cultivators and disc harrows The machine is raised from field to transport position hydraulically, without detaching from other implements

The optional Rear Hitch Kit (5J-368) straddles the transport cylinder and lock. It is bolted to the main frame The hitch is very sturdy...designed to pull other tools, including planting equipment behind the TPW Weight is approximately 110 pounds.



TRANSPORT LOCK

(1) The transport lock forms a "cage" around the hydraulic cylinder to avoid accidental lowering of the pulverizer in transport. (2) In field operation, the lock is opened and the cylinder rod moves freely.

This view shows the Model TPWH-16 (with 20" notched rollers) in transport position Road clearance between ground and roller wheels is 10-11" Drawbar braces are 3"x2"; the drawbar is 5"x5"x153" long for easy turns. Hose holder and drawbar jack are standard equipment Clevis hitch has a flat spring holder for easy one-man hook-up

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Brillion

ON THE MOVE... IN TO THE 90's

Cloister

Thirteen Cloister FFA members from the Ephrata Area High School attended the 1988 State FFA Activities Week and Summer FFA Convention recently at Penn State University. The FFA Activities Week was attended by 1300 FFA members from across the state of Pennsylvania. There are some 10,000 FFA members in the state.

Sharon Zimmerman, a 1988 graduate, was elected FFA State Vice President of the Eastern Region for 1988-89.

Jenette Martin, a senior this coming year and the Cloister FFA President, served as a voting delegate to the FFA Summer Convention.

Mike Fasnacht, a junior this coming fall, won a silver medal in poultry judging and a trip to the Eastern States Exposition, Springfield, Mass., Sept. 17, 18 & 19, 1988. Mike will be a member of a three-man team to represent Pennsylvania in poultry judging at Eastern States.

Ron Groff, who is also a junior this coming fall, won a bronze medal in poultry judging and is the alternate trip winner to the Eastern States Exposition.

Other medal winners were: Jeremy Earhart (12th grade)- Silver in land judging; Jeremy Redcay (10th grade)- Bronze in forestry; and Randy Groff (12th grade)- Silver- dairy cattle judging.

The following students competed in contests: Steve Unangst (12th grade) & Brian Sauder (10th grade)- dairy cattle judging; Darvin Eby (11th grade)- agricultural salesmanship; Mike Weiler (10th grade) & Ashley Hurst (10th grade)- wildlife; and Josh Vollertsen (10th grade)- forestry.

HAPPENINGS

Kennard-Dale

Sixteen members of the Kennard-Dale Future Farmers of America, Chapter attended the 1988 Annual FFA Activities Week at Penn State University.

The Parliamentary Procedure Team was awarded gold medals. The team consisted of Cecil Hedrick, John Harrington, James Davis, Tim Warner, Michael Warner, Tina Hedrick, Greg Polhemus and Mark Hushon.

The Kennard-Dale Dairy Judging Team received Bronze Medals. The members on the Dairy Judging Team that received individual awards were Jeremy Asbury, a Silver Medal, and Angela Cooper, a Bronze Medal. Also on the team was Richard Sealover who received a Bronze Team Medal.

Also attending the convention and competing in various contests were: Dan Johnson, livestock judging; Carrie Wolfe, dairy showmanship; Bill Griffith, horse judging; Lewis Troyer, livestock judging; Michael McDowell, ag mechanics. John Harrington also was a member of the State FFA Chorus. John has been nominated as an alternate for the National FFA Chorus in November. Mrs. Jane Travis, female chaperone, and Mr. David Allen and Mrs. Ralph Travis, teachers of agriculture, accompanied the students to the convention.

Kutz Interning With PA Holstein Association

STATE COLLEGE (Centre) — Jill L. Kutz has been hired by the Pennsylvania Holstein Association for a summer internship. She presently resides in Tunkhannock, Pennsylvania.

Jill has completed her Junior year at Penn State where she is majoring in Agriculture Economics and Rural Sociology with a minor in Speech Communications.

At Penn State, Jill has been active with the Penn State Dairy Science Club and is their reigning Dairy Princess. Also, Jill is active in the National Agri-Marketing Association Club and a Little Sister at Alpha Gamma Rho.

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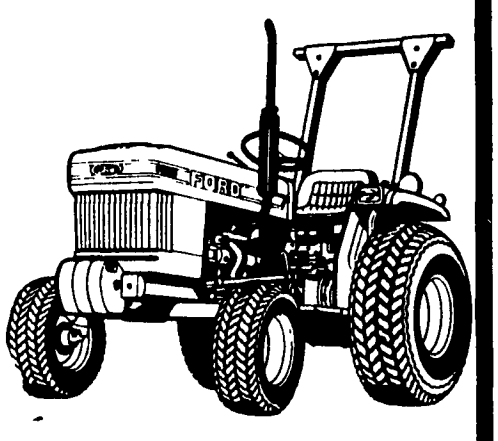
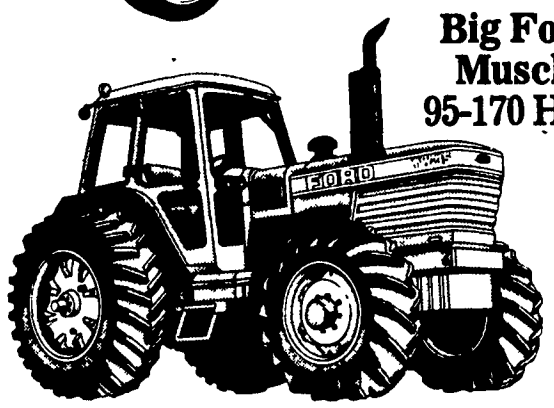
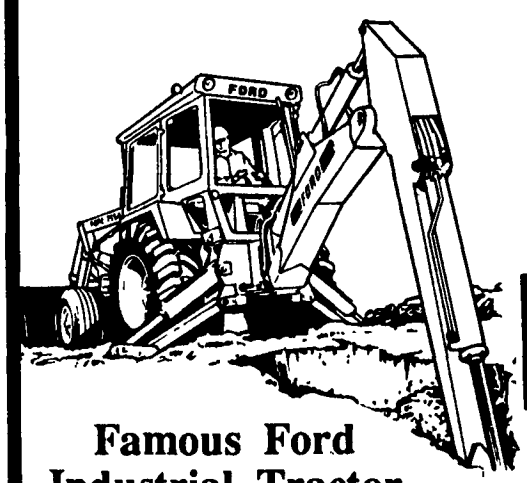


Stocky Ford Diesels 13-38 H.P.

Big Ford Muscle 95-170 H.P.





Famous Ford Industrial Tractor Loader Backhoe 48-100 H.P.

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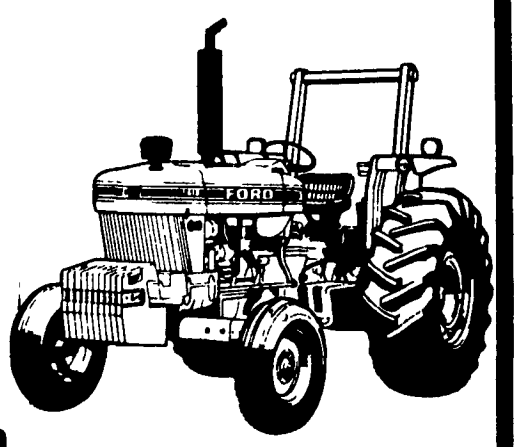

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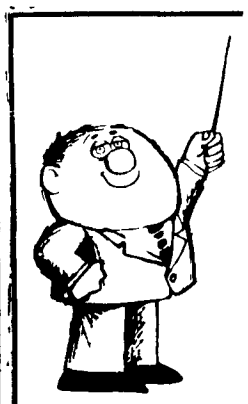

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Leaded Fuel Will Disappear- Make Changes

SMETHPORT (McKean) — Leaded gasolines are becoming increasingly rare and may soon be regulated out of existence by the Environmental Protection Agency (EPA). Using unleaded gasoline in an engine designed for leaded fuel may cause mechanical problems over the long run unless preventive measures are taken. Lead, in the form of tetraethyl lead, serves two main purposes in gasoline. First, by increasing the octane rating, it reduces knock (or "pinging) which limits the power a gasoline engine can produce without damage. Second, lead oxides and lead halides (often visible as white deposits) form a lubricating film on valves and valve seats, reducing wear on these parts. Without lead's lubrication, valves in older engines will eventually burrow down into their seats-- an effect called **valve recession.** Valve recession can use up all of the possible valve lash adjustment of an engine and lead to an unsealed valve and loss of compression. Such a valve will soon burn and possibly fail, causing more serious engine damage. While there are non-lead alternatives to increase the octane rating of unleaded fuels, currently there are no replacements for tetraethyl lead that provide totally effective valve wear protection.

Lead is emitted into the air when it is burned in a fuel and would be a major health hazard if old, higher concentrations were still in use. Lead also disables catalytic converters, which are installed to reduce other dangerous exhaust emissions. This is why catalyst-equipped vehicles are required to use unleaded gasoline. The EPA has been acting to gradually phase out all lead in gasolines and currently limits gasoline lead content to just about the minimum concentration necessary to effectively control valve recession.

Practically all engines manufactured since 1974 have included specially hardened valves and seats designed to reduce wear and valve recession with unleaded gasoline. However, there are some exceptions, especially in the heavy-duty gasoline engine market. Most pre-1974 engines and those newer ones with specific recommendations for leaded gasoline are likely to have softer valve and seat materials that are prone to valve recession with unleaded gasoline.

The only way to guarantee an older engine's performance on unleaded fuel is to install specially hardened valve seats. Most cylinder heads can be machined to add reliefs around the valve areas for hardened valve seat inserts. The fit, alignment, and sealing of the seats are critical, so this job is best done by a qualified machine shop. The cost of this modification is approximately thirty dollars per cylinder, plus a twenty-five dollar labor charge per cylinder head. So, hardened valve seats for a four-cylinder engine would cost about $165 plus the cost of removing and installing the cylinder head, if necessary.

There are some temporary measures to postpone the valve job just described. Engine failures due to valve recession do not occur overnight, and how long an overhaul can be avoided depends on the type of service, the amount of use, and the quality of maintenance an engine receives. Valve recession is aggravated by high combustion temperatures, which are increased by such factors as high engine speed, improper ignition timing or fuel mixture, and inadequate engine cooling. Here are a few preventive actions a farmer or mechanic can take to stay ahead of the problem:

Keep the valves adjusted. If an engine has mechanical lash adjustment, check the valve tappet clearances more often than normal. If the valves should begin to recede, the progress can be monitored and the clearances may be adjusted to compensate. When the clearances cannot be adjusted to the recommended values, it is time for a valve job.

Run engines at lower speed and resultant loads. Studies indicate that high-speed service with unleaded gasoline can quickly lead to failure in engines designed for leaded fuel.

Keep the ignition timing properly adjusted. This preventive maintenance procedure will help keep engine temperatures in line.

Keep the carburetor properly adjusted. A lean fuel mixture will greatly increase combustion chamber temperatures, which aggravate valve recession and can also encourage engine knock.

Maintain the coolant system. This practice helps reduce the chances of engine overheat. Change the antifreeze at least once every two years -- or once a year for best results.

The lead-free fuel additives now being marketed promise to boost a fuel's octane rating and provide necessary valve lubrication.

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1 FARM EQUIPMENT

IH 544 gas w/1701 loader, one owner, low hours, $5800 301-833-9091

IH 56 blower, good shape, $1,000 717-653-5396

JD 350C crawler loader, excellent cond , G P bucket and ROPS, $14,000 Also 175 I R air comp 3-cyl Duetz power, $1800 Also comp sets with 4x6 cyl Det power, $3,000 each. Call 717-524-7655

IH 5088 CAH, low hours, $19,500 301-833-9091

For Sale Irrigation system con. of 21 Rain Bird sprinklers w/risers, approx 110 pieces of 30' pipe, 5", 4", 3", 2", Marlo pump, belt driven, Gorman Rupp power take-off pump. Call 215-588-8433 Wm Bush, RD2, Bangor, Pa. 18013

JD 38 chopper, 2R 38" hd and PU head, $650 for all 301-898-7426

JD 3940 late model, used very little $6,850. Will trade Call Larry Stalter, the "Chopper Man" 1 800-248-2151

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1 - Farm Equipment
2 - Farm Eq. Wanted
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4 - Building and Supplies
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The following categories are available in your classified advertising. In Section B. Deadline- Wednesday afternoon at 5 of each week's publication.

7 - Livestock Equipment
8 - Cattle
9 - Horses & Mules
10 - Sheep & Goats
11 - Swine
12 - Artificial Breeding
13 - Hog Eq. & Supplies
14 - Poultry & Supplies
15 - Feed & Seed
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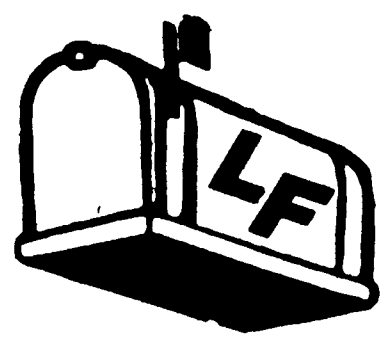
SECTION C - THURSDAY AT 9:00 A.M. OF EACH WEEK'S PUBLICATION



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Case 1830 skid steer loader, like new, $7,500; JD 400 backhoe loader, excellent condition, $10,500; JD 2030 tractor, diesel, WFE, excellent condition, $6,000. Ringo Hill Farm, Pleasant Valley, Route 212, Quakertown, PA 18951 215-346-7340.

For Sale: John Deere 145 loader, A1 condition. Can be seen on farm along Rt 30, in back of Dutch Haven Restaurant Soudersburg, Lanc. Co.

For Sale: Potato winrower, Lockwood, steerable axle, good condition, $2,500 Call 814-344-6356.

For Sale: Roskamp oat huller, E-50 Howe Richardson bagger scale. Berks, 215-693-5027.

For self propelled choppers. Call Larry Stalter, the "Chopper Man" JD, NH & Field Queen 1-800-248-2151

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Gleaner E combine, 9' grain, 2RW corn head $2500. 301-692-6116

Gleaner GKS Combine, hydrostatic, diesel, 2 heads, needs engine, $4500. 717-345-2559

Good condition 400 JD backhoe, gas, 370 hrs. on engine overhaul, new hyd. pump, recent paint, $8,150 York Co. 717-244-7393

Gray 803A Uni system w/4WD, big tires, AC, 900 hrs., excellent condition, $26,000. 717-944-7079

Grimm Tedder, ground driven, $675, Oliver #620 Baler w/thrower, $600, NI corn picker, $1950, Kingwise 28' elevator, $375, Farmall H w/cultivators, $800 215-562-4464

Grinder mixer w/folding delivery auger, model 354 NH, Snyder plastic 1,100 gallon & two 200 gallon saddle tanks w/Ace pump & fittings 717-359-4383

HALE PUMP. Hale organic grinder, electric priming system, 300 psi capacity, 1,000 RPM Used once, $10,000. Call 201-859-2616

Hale 3" irrigation pump w/small 4 cylinder gas motor, on nice 2 wheel trailer; suction hose, strainer, primer, $775 Chester Co. 215-353-7304 or 215-356-6873

Hay rake, JD 670 w/wheel, $1500. 301-833-9091.

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IH 715 Combine, diesel, gear drive, 630 orginal hours, 4RN corn head, excellent condition, 717-328-2386

IH 756 diesel, WF, dual hyds, recent engine overhaul, new TA & clutch, good tires 70%, nice tractor, 301-452-5254

IH 7' haybine, $1,650.; Grimm hay tedder, $675.; Cunningham crimper, $125.; Farmall M w/belt pulley, $775; JD 420 w/loader, $3,700 215-562-4464

IH 856, new rubber, roll bar, $7,850 or offer 301-833-1847.

IHC 315 combine, gas hydro, 12' cut, hume reel, 3 row narrow corn head available, 4B Pittsburgh semi-mtd plow, manual reset, side hill hitch 215-495-6146 Days

IH Cultivator, 4R, good condition, ready to go, $600 or best offer 717-548-3474

Int 500C 6-way dozer, good condition, $7500, MF rotary rake, excellent condition, $375, Woods belly mount mower for 8N tractor, $450, ¼" thick large glass windows 301-823-2640

International 4R 3PT hitch cultivators, excellent condition, Chester Co, 215-932-2353.

Int model 856 in good condition. Price, $5,500 717-532-7054

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Irrigation pipe, 40' & 20' length, 6", 5" & 4" width sprinklers & fittings, V8 pumps. 201-462-0110

Irrigation pipe, used only 1 season, 40 pieces, 6"x40' pipe, 20 hydrant couplers, 20 straight couplers. Take over lease Call after 7, 609-259-8072.

Irrigation Equipment 400 gal. min Gorman-Rupp irrigation pump w/ Wisconsin 4-cyl. engine Magnito ignition. New overhaul. 717-527-4974

Badger Super Trailer pump & agitator; Oswald model 2840 mixer, 3 augers, electric scales on heavy duty cart, excellent condition; NH L35 Skid Steer Loader, 8' blade to scrape feedlots, material bucket, fork loader. 304-728-7113 after 6p.m

Batwing mowers, new 15' Woods, $5850 301-833-9091

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JD 4400 combine, diesel, rotary screen, A/C, 443 corn head, 215 grain head, Int grain truck; Mondge 400 bushel dryer Must sell Individually or special package price. 215-363-7172.

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JD 5400 chopper, 4WD, 3R 30" head, 8' PU head, extra power unit, nice, 3-JD 716A silage wagons, tandem axle w/roofs - $40,000 for all Going out of dairy business 301-898-7426

JD 5820 chopper, about 2050 hrs, air and heat $39,500, 1980 JD 5460, 761 hrs $33,000 Call Larry Stalter, the "Chopper Man" 1-800-248-2151

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JD tandem forage wagons with roofs 716A $5,000, 716 $4,500, 216 $2,800 Lancaster County, 717-653-5923.

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6x6 Chrysler industrial engine, $1200
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12' flail type shredder, fair condition $400. Northumberland Co. 717-275-4407.

18' heavy duty JD disc, $4,250 201-859-2616

1975 Deutz 100-06, 105HP, 5000 hrs, dual hydraulics, 1000-540 PTO, 18 4x38 tires, serviced regularly $5500 OBO 717-426-2659

1978 Deere 6600, hydro, 404 engine, overhauled, nice condition $16,500 Larry Stalter, the "Combine Man" 1-800-248-2151

1978 Ford tractor, 6B92, Fuller 9-speed, single axle w/air tag axle, runs good, $4,000 717-933-5656, ask for Larry.

1978 JD 6600 hydro, Side Hill, low hrs, big engine, real nice, $18,900. 6 4% Interest, 20% Down Larry Stalter, the "Combine Man". 1-800-248-2151

1980 Deere 7720, around 1800 hrs, kept in, top condition, 30.5 tires, $28,600. Larry Stalter, the "Combine Man" 1-800-248-2151

1980 White 7300 combine, 4RW corn head, 13' grain head & 6000 bushel corn bin. 717-864-3406.

Kubota B6000E, turf tires, Woods RM48 mower $2800 Westmoreland Co After 6, 412-872-8162.

Kubota diesel tractor, 185 DT, 313 hours, bucket and blade, garaged, excellent condition, $4800 or best offer 717-533-4426

Late model MF 510 diesel combine, cab, air, 23 1x26 tires, bin extension, unloading auger extension, stalk spreader, 13' grain head, very good condition, $6,450 Corn head available. Lancaster Co, 717-733-7132

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MF 2805, cab & duals, good condition but bad crank, $8500 or will buy good crank. 717-534-1253.

MF 285 w/Dual loader, $8,000. 301-833-9091.

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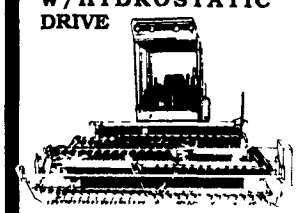

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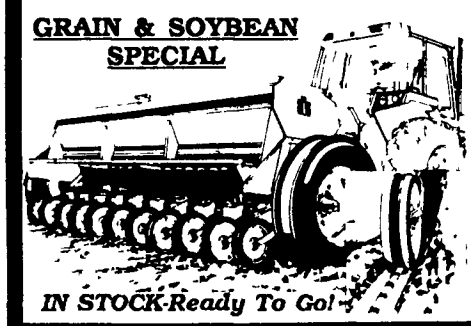

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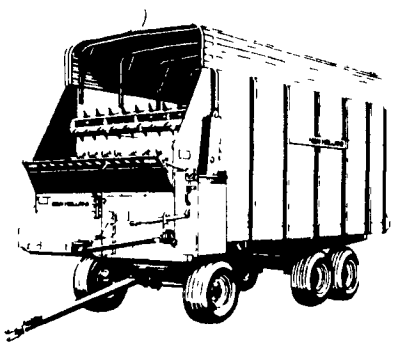

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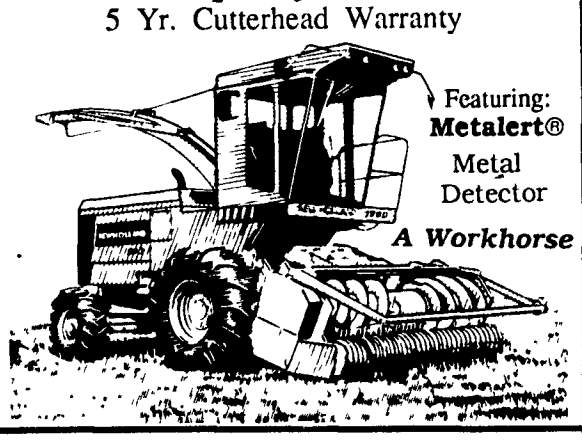

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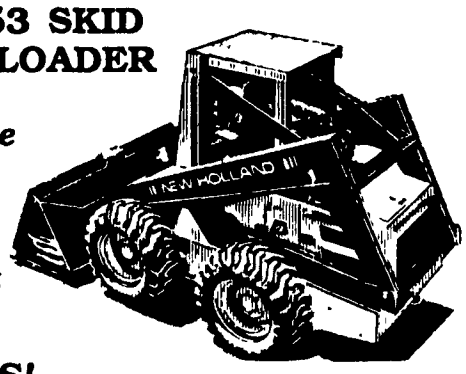

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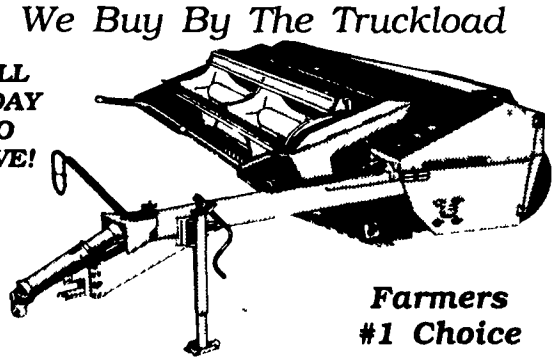

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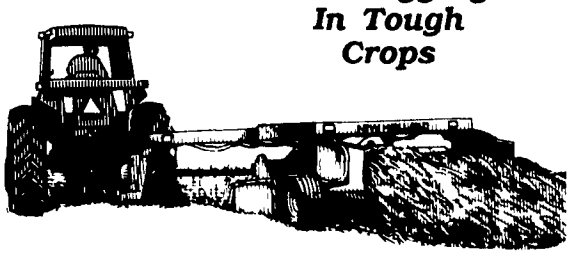

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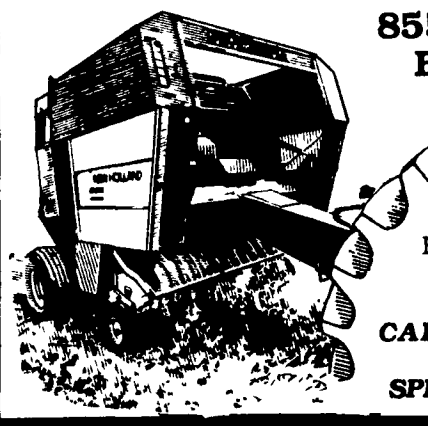

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Hesston PT10, 9'
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NI 323 Corn Picker
NH 273 Baler
NH 268 Baler w/ Thrower
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Woods Dixie 5 Ft. Mower

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MF 360 Tractor
MF 375 Tractor
MF 1010 Tractor
MF 1020 Tractor
MF 1030 Tractor
MF 1035 Tractor
MF 1045 Tractor
MF 144 Plow, 4-Bot, 16 Inch
MF Loaders
MF 725 Hay Tedder
York Rakes
Woods Mowers
Snapper Mowers
NI 522 Mower
NI 406 Rake
NI Spreaders
Ag-Tech Pre-Seeder

Wheel Horse
Lawn & Garden Tractors

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NEW IDEA

Norm Shores & Son Tractor
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Financing Available To Qualified Buyers

USED TRACTORS
Case 1690 w/Ldr., Excellent
JD 5020 w/Cab
JD 4020 P. Shift
JD 4240 PS, cab & air
JD 4230, 1977, quad
JD 4430 4 post, quad
JD 1020 w/JD Loader
Ford 7000, dual power w/cab
Ford 6600, dual power
Ford 5000 Dsl., 10 sp, nice
Ford 4000 Gas, 8 sp.
Ford 4000 Dsl., 8 sp.
Ford 3000 Dsl. w/ldr.
Ford 3400 D 3 Pt. PTO w/Ldr.
Ford 3600 Dsl., nice
Ford 420 Ind. Dsl. w/Ldr. Torque Converter Trans.

USED HARVESTER HEADS
JD 5½' Hay w/Clutch
NH 770W Hay
NH 717W Hay
NH 880 N3 Corn
JD 2RW Corn
Gehl TR3038 Corn
NH 717 N2 Corn
Gehl HA600 Hay

PICKERS
NI 325, 2RN 12 Roll Bed
NI 323, 1 R
NI #10, Original

MISCELLANEOUS
MF 92 SP Combine w/12' G.H.
JD 148 All Hydraulic Loader

USED TILLAGE
White 5400, 4R Planter
White 618 AR plow
Oliver 516 Auto Reset
Ford 151, 5x18 AR plow
White 252, 12' Disk
Kewanee 16' Hyd. Fold Disk
Bush Hog 1438, 12' Disk
IH #10 Drill, 14 Disk
IH 510, 3-16 Plow
IH700, 5-16 AR Plow

USED HAY EQUIPMENT
NH 315 Baler w/Thrower
NH 847 Auto Wrap
NH 56 Rake, like new
NH 55 Rake, excellent
NH 477 Haybine

USED FORAGE EQUIPMENT
Gehl CB700 w/Both Heads
JD 3960 Both Heads, Very Nice
JD 3940, 2RN & PU
NH 1880 SP Harvester, Cat Dsl., Low Hrs.
NH 892 w/Both Heads
Gehl CB600 w/Both Heads
Gehl 940 3 beater w/roof
Lamco 2 beater w/roof, new gear

SPREADERS
NI 218 Spreader w/Gate
NH 680 Spreader w/Gate

USED EQUIPMENT

TRACTORS

JD 3020 ..... Coming In
Ford 1210 Hydro w/60" Mower ..... $ 6,900
JD 4440 w/Cab & FWD $24,000
JD 4630 w/duals, PS, engine overhauled $15,000
Ford 841 w/Loader ..... Coming In
Ford 3000, reconditioned ..... $ 4,500
Ford 2000 ..... $ 3,900
MF 165 Dsl. ..... $ 4,900
Long U455 Dsl ..... $ 4,500
Oliver 1855 ..... $ 5,500
IH 140 w/Woods Belly Mower ..... $ 3,500
Ferguson 20 w/Woods Belly Mower ..... $ 3,200
AC WD Tractor w/Loader ..... $ 1,500

COMBINES

JD 6620 Side Hill w/215 Flex & 643 Corn Head $35,500
NI 801 Dsl. w/4WD 6R Head & 13' Platform ..... Coming In
JD 6620 Side Hill 215 Flex, Reconditioned $46,000
JD 444 Corn Head ..... $ 4,500
JD 443 Corn Head ..... $ 5,500
JD QT 16' Head ..... $ 2,200

PLANTERS

JD 8200 18x7 Drill ..... $ 3,500
JD 7000, 4RW ..... $ 2,800
(4) JD 6R Consv. Liquid ..... Starting at $ 7,500
JD 1240 ..... $ 1,800
(2) IH 4R, 56 Planter ..... Starting at $ 1,000

TILLAGE

JD 335 Disk (Demo) 25' $15,500
JD 315, 12' Disk ..... $ 3,500
JD 1710A Mulch Tiller ..... $ 3,200
JD 950, 12' Roller Harrow ..... $ 3,500
JD 145, 4-14 Semi Plow ..... $ 790
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JD 54 Manure Spreader ..... $ 1,800
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JD 336 Baler ..... $ 4,500
JD 24T Baler ..... $ 1,500
JD 14T Baler ..... $ 1,200
NH 276 Baler w/Thrower ..... $ 4,500
JD 894 Rake ..... $ 500
JD 894 Rake ..... $ 700
IH 720 Harvester w/2 Heads ..... $ 2,900
NH 880 Harvester w/2R Head ..... $ 3,500
JD 40 Spreader ..... $ 1,600
Ford 943, 6' Rotary Cutter ..... $ 700

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Case 1896 all wheel drive, cab, air, heater, 12 speed electric shift, 4 remotes, less than 400 hours with 96L Case loader
Int. 986D - High Clearance, Rops, only 1052 hours.
Int. 656D - High Clearance, with rear fert. attach. and front cult.
Int. 140 - High Clearance, Cults. and fert. attach.
Int. 140 - Cults. and fert. attach.
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Hardy 500 gal. stainless steel sprayer with hyd. booms.
Hutchmaster plowing disc.
White chisel plow, 12' like new condition.
McConnell S tine 16 ft. harrow.
White 508 plow - 4 bot. SAR disc coulters, covers bds., depth wheel and side hill hitch (only plowed 100 acres)
3 row Mechanical transplanter.
Two 1969 GMC's with 24' aluminum van bodies
38' tandem flatbed trailer, good condition
35' tandem flatbed trailer, fair condition
25' single axle flatbed trailer, fair condition
Tandem axle dollie

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Kubota L-2000, Completely Reconditioned
Case 630 Tractor, Triple Range Trans.

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AC 333 6-Row No Till
White 5100 Air Planter, 6-Row

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Oliver 18 Ft. Disk

SKID LOADERS & UTILITY

Case 580C Lo SOLD ackhoe w/ROPS
Case 580C Loader Backhoe w/Cab
Case 580 Loader Backhoe, Gas
Case 580D Loader Backhoe w/Cab
Case 580D, ROPS w/Extendahoe
Case W20 Loader
JD 820 Track Loader
JD 350 Loader w/Backhoe Attachment
Gehl 4400 Skid Loader
Cat 518 Skidder

MOWER CONDITIONERS

(2) Hesston 1014 Windrowers
Hesston 1090
Hesston PT-10 Windrower
NH 469 Haybine
Vicon KM 240, Rotary Disk Cut
Vicon KM 241, Rotary
Gehl 1080, Rotary Disk Cut

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Hesston 2000-100 For. Harvester w/2 Row Wide
IH 715 Combine w/4-Row Narrow Head
(2) Gehl TR3038 2-Row Forage Heads
Gehl 610 Forage Wagon
IH 550 w/2 Row Head And Pickup
IH 120 For W n. w/Tandem Axle R SOLD g Gear
Fox 3000 Harvester
Fox 2000 Harvester w/2 Row Narrow
NI 329 Super Sheller
Assortment of Gehl 99 Forage Blowers

MISCELLANEOUS

100 HP Electric Motor
NI 218 SOLD ler
Kelly Farm Loader
Danuser Post Hole Digger w/24" Auger

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Simplicity 16 Hp.
Dixon 424 - Real Nice
Bolens FS-11 Mower
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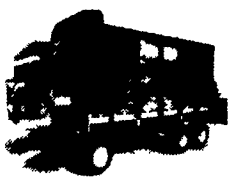
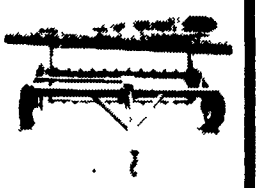


Hay Tedders



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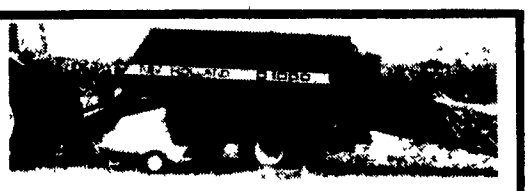

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Big Capacity, High Density Bales, Ideal For Feeding & Trucking

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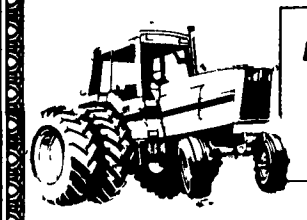

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JD 4020 dsls., trade-ins, selling as is.
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JD 2640 w/hi-lo, ind. PTO & JD 146 loader
JD 730 diesel, 3PT, WF, fenders, very nice, noise in 5th gear
JD 720 dsl., Pony motor
IH 4366, fact. cab & air, 20.8x38 tires w/axle duals, 3PT
IH 1086, 79 model, fact. cab & air, fully equipped
IH 986, 81 model, low hrs., 38" rubber
IH 986, fact. cab & air
IH 886 4-post, canopy w/new TA & clutch
IH 1466, red cab w/air, very clean
IH 1466, white cab, w/air
IH 1066 factory cab & air
IH 966 fact. cab & air
IH 1456 fender tractor w/20.8x38 tires
IH 856 diesel, new TA
IH 856 diesel, standard
IH 806 dsl., WF, 3PT, 38" rubber, roll guard, nice
IH 806, WF, 2PT or 3PT
IH 706 gas, NF, cheap
IH 606 dsl. w/3PT
Farmall 230 w/fast hitch, cult., 2R mtd. planter, very nice, one owner
Ford 9700 fender tractor
Ford 5000 Dsl., general purpose, sharp
Ford 4000 gas gear drive
AC 180 dsl., w/AC loader

HARVESTING EQUIPMENT

NI 801, cab, air, hydro, rear wheel assist, low hrs., very nice
NI 708, cab, hydro (local farmer must sell)
NI 707, Perkins diesel, cab
NI 705, V6 diesel (with minor fire damage)
NI 704 Gas, late model
NI 702 diesel w/cab
NI 702 Gas w/cab
NI 701 gas w/cab
NI 818 combine, very nice
NI 717 Combine, very nice
NI 717 & 710 Combines
NI 711 & 713 Grain heads
NI 727-737-838 Huskers
NI 767 S.C. & 760 Choppers
NI 740 & 741 Quick Tach Throats
NI Chopper Heads wide & narrow
NI 2, 3 & 4R heads wide or narrow
NI 325 12 roll narrow picker
NI 324 12 roll wide picker
IH 1440 axial flow, low hrs., very nice
MF 550 Diesel Combine, cab & air
MF 410 diesel, cab, air, 4RW & 13' head, good cheap unit
(2) New MF 1143 4RN corn head
Used MF 1143 4RN corn head
MF 13' flex w/U2 reel
MF 13 grain head
JD 6620, 1982 SOLD l w/dialamatic, very nice
(2) (1) JD 443 4RN Corn Head
JD 444 4RN C SOLD ead
(2) JD 343 corn head, 3RN
Nice JD 300 Husker w/3RN Head
NH 850 Round Baler, very nice

IMPLEMENTS

NH 520 spreader w/hyd. endgate, side ext., T-bar webb, 1 yr. old
IH 6000 Conservation til chisel, 13-tooth
JD AW Disc, 14'
11 tooth 3PT mtd. DMI chisel
Krause pull type chisel, 10-tooth
IH 37 10' Disc
IH #8 Flail Chopper, low acres, nice

MISCELLANEOUS

Dual wheels - 34's and 38's
Year round cab for JD 3020 thru 4320
Tractor Weights JD & IH
Cabs for IH 06 & 56 Series (year round)
Cheap V-plow for 3020 thru 4020

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IH 706 Diesel
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IH 560 D
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Complete factory 3PTH for 706 thru 966
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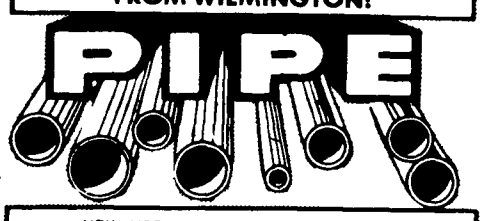

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All Sales Final
All Reasonable Offers Considered

NEW EQUIPMENT - Full Warranty
MF 212 bale thrower, $2,000
MF 585 8½' hay rake, $2,000
MF 1144 corn head, $8,500
Vicon PS302 fertilizer spreaders, $700
Woods 348 mid mount mower, $600
Husqvarna 266 chain saw, $368
Woods 5' blade, $150

USED EQUIPMENT
MF 124 baler, complete gone over, $1,500
Zweeger CM165 mower, $850
MF 750 combine w/grain table, $12,500
MF 2 row thru 4 row corn heads, $500 & up
Many miscellaneous items

OIL SPECIAL
MF 1103 transmission oil, 2½ gallon $9.50
SAE30 .90 cents a quart
15W40 .90 cents a quart
90 gear oil, 2½ gallon, $12.50

Starting June 27th
50% Off On All Parts In Stock Only

Massey Harris - Massey Ferguson - New Holland - Wisconsin - Woods - Hardi - Century - Iron Age - Mechanical Transplanter - Holland Transplanter - McConnell - Vicon - Matthews

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Farm Equipment, Inc.
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(1 mile south on Route 42 on top of the hill)
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Irrigation Calf Hutches & Tanks

Used irrigation pumps & pipe. Order your calf hutches & storage tanks before July price increase. 35 through 1500 gallon plastic storage tanks in stock. Some used tanks. Factory to farm prices.

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- Big #26 cart, capacity 4 00 lbs 14 bushels, 26x2 125 pneumatic wheels, pressure treated plywood unassembled $117 00
  also available with a removable front $122 00
- #20 cart cap 8 bu 300 lbs , 20x2 125 pneumatic wheels $90 00
- 26x2 125 pneumatic wheels w/¾ ' nrstinh $46 00 set
- 20x2 125 pneumatic wheels w/¾' bearings $42 00 set
- #26 cart kit (plywood not included) $82 00
- #26 cart kit w/removable front $87 00
- 20 cart kit (plywood not included) $70 00

Add 10% for postage and 6% sales tax for PA non farm use
(Call for pickup prices)

send check w/order to
LAWN and GARDEN MFG.
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USED FARM & LAWN EQUIPMENT

JD 210 w/39" mower
JD 212 w/46" mower
JD 314 w/38" mower
JD 317 w/46" mower
JD 318 w/46" mower
JD 67 loader or 650 4WD tractor
JD 261 3 pt. rotary mower, like new
1952 Model A JD tractor, excellent cond
JD #8 sickle bar mower
JD 755 4 WD tractor
JD 48" walk-behind commercial mower
(3) JD tilt dump collection system for 300 & 400 Series JD tractors
JD 3200 gen SOLD like new
Woods 6' pul SOLD rotary cutter
New Bush Hog 4 & 5' Rotary Cutters In Stock
New JD 5, 6 & 10' Rotary Cutters In Stock

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JD 48" commercial walk behind mower $2,550
JD 1000 2-Btm. 3 PT plowCall For Price
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FOR SALE - REDUCED

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5 shank 12' sheer bolt sub soiler w/coulters (can be used in row crops), like new, $3,200
Liquid fertilizer side dresser, 6x30" rows w/Side Hill hitch, $900
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ALLIS CHALMERS: 6080 w/ROPS; 6080, 4WD w/front end loader; 6060, 2WD; 190XT w/cab; 190XT; C-wide front, WD-45; G w/ cultivator.
CALUMET: Basin liquid manure pump
CASE: 350-crawler w/Forklift, 3 Pt. Hitch & Blade
DAVID BROWN: 990 w/front end loader
DEUTZ-ALLIS: D6006
FARMALL: C-Wide Front; H-Wide Front
FERGUSON: 35 W/Loader; T020
FORD: 6600 4WD; 4000D, late model; 3000D; 2000; 601 w/Forklift; Model 8D Forklift
IHC: Cubs; 574-D w/Loader
JOHN DEERE: 730-D Narrow Front; 450 Crawler Loader; 3020 gas
LONG: 900 tractor
MASSEY FERGUSON: Gas Model 35 w/Loader; 50G; 65 w/Loader; 124 Baler w/thrower
MC: Rotary sides, 7' & 9'
MINNEAPOLIS MOLINE: G450 Tractor
NH: 36 Flail Chopper
GRIMM: 4-Star Centipede Hay Tedder

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USED COMBINES
MF 750 w/grain head
Int. 915, late model

USED TRACTORS
Massey Harris Model 30
Farmall A
Farmall Super M
Ford 9N
Int. 986 w/cab, nice condition

Deutz Fahr hay tedders in stock
2, 4 & 6 star

USED EQUIPMENT
Mengle Chopper
IH #45 18½' SOLD shank cultivator
NI 600 forage box
IH 990 mowe SOLD ditioner
NI #311 2 RW picker
NH 5' flail chopper
IH 370 disc harrow
McCormick #3 blower w/table

NEW GEHL EQUIPMENT
1540 Forage Blower
309 manure spreader

USED HAY EQUIPMENT
JUST TRADED
JD 347 Baler, 1 yr. old
(2) IH #430 Balers
NH 1495 self propelled mower

case IH

NEW TRACTORS

Case-IH 235 AWD
Case-IH 485, 42 hp
Case-IH 885, 72 hp
Case-IH 1594, MFD w/cab, 85 hp
Case-IH 2096 w/ROPS

NEW TILLAGE EQUIPMENT

Case-IH 5709, 3 Pt. Chisel Plow
Case-IH 4500, 12' VS Cultivator
IH 5507 3 pt. Chisel Plow
IH 6511 Con-ser Til

NEW PLANTING & SEEDING EQUIPMENT

Case-IH 900 6R Air Planter
Case-IH 900 4R Air Planter
Case-IH 900 4R Nar. Plate Planter

NEW MATERIAL HANDLING

Case-IH 2250 Loader
Case-IH 2255 Loader
Case 1835C, Gas Uni-Loader

NEW HAY & FORAGE EQUIPMENT

Case-IH 86 Hay Rake, hyd.
Case-IH 600 Forage Blower
Case-IH 1063 6RN Corn Head

USED TRACTORS & EQUIPMENT

IH F-400, 2PT Tractor $2500
IH 1440 Combine w/843 4RN hd $26,000
IH 574 G Tractor $4850
IH F-C Tractor w/imp. $1350
MH 44 Tractor $750
Hesston 1014 + 2 hydro. swing $5850
NH 479 Haybine $1350
IH 5 Flail Chopper $950
IH 710 4F 16" Auto Plow $2850
JD 7000 4R Planter $5850
IH 510 5F 18" Plow $1750
IH 535 3F 16" Plow $750
IH 710 5F 16" Plow w/Cyl $1650
IH 555 Forage Harv. w/hyds. $1650
Ont. 13x7 SD drill $650
IH 56 4R Planter $950
IH 55 9' 3PT Chisel $950
5th Wheel Wagon Chassis $485
IH 2R Ear Corn Snapper Hd. for 720-830 Harvester $3500

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Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

IH 656 diesel, hydrostatic drive
NH 273 baler w/54A thrower
NH 479 haybine
(2) hay wagons
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Our Prices Are Hard To Beat

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Crumblers 15' & 20'
5 shank Tiger II
9 shank Coulter Champ II
11 shank Coulter Champ II
2 D450 grain wagons
1-D400 grain wagons
4-E280 grain wagons
DMI drop center bumpers

NEW BLUE JET EQUIPMENT

No-till fertilizer coulters Demo, 21' hyd fold 9-30" tool bar $2,850
21' hydraulic fold 9-30" tool bar
27' hydraulic fold 11-30" tool bar
9 shank 28% liquid applicator
Pull between Buddy system w/1250 gallon tank

NEW EQUIPMENT

New UFT Bale Queen hay wagons CALL
New UFT header wagons CALL
No-till fertilizer coulters Demo, 21' hyd fold 9-30" tool bar $2,850
Or w/coulter . $3,350
21' man fold 9-30" tool bar.. $2,550
9 shank 28% liquid applicator
(3) 500 gal pull between tanks
Pull between Buddy system w/1250 gallon tank
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Used 4 ton Tyler fertilizer spreader $850

USED EQUIPMENT

Used DMI (27') 11 shank w/coulters tool bar $2,995
Remingler 500, 20' & 27½ ' pull type, spike tooth harrow CALL
Koehn (14') 3 pt mtd Wac-A-Trac $1,200
1-Used 28%, 500 gal applicators Starting at $2,950
(2) Used 500 gallon AA applicators $1,200
Blue Jet 7 shank 7-30" dry fert injector CALL
Used John Blue 40' booms CALL
New Spra-Coupe Melroe 220 w/50' booms CALL
New tandem axle nurse trailers w/1000 gal, Loaded $2,420
IH 10 V-Ripper $850
JD 1710 11 shank mulch chisel $3,100
AC 19' manual fold, tandem wheel disk $950
JD 18x7 grain drill $750
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(14) Kinze planter units CALL

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Ford TW15, cab/air, 4WD, front weights, good
Ford 7000 w/cab, diesel engine
Ford 5000 w/diesel engine
Ford 8600 w/diesel engine, good
Ford 2810, 24½ hrs., diesel, like new
Ford 2910, low profile, diesel, like new
Ford 3910 w/cab
Ford 2000 w/loader, bucket
Ford 800 w/loader, new bucket
AC C w/59" mower
New- no hrs. 2600 Ford w/HD loader, bucket
Gehl forage box, 10T running gear, new wood & floor chain, 12.5L-16SL tires, model BU610
New Ford baler, model 530
Used 7'9" Lely disc mower
New 5'6" Lely disc mower
JD drill 13x7, model FB
Moore no till drill
3 pt.- 4 wheel Lely rake
Several used 5' rotary mowers
Ford 555 Loader Backhoe w/cab, 4WD, torque conv.
Ford 555 Loader Backhoe, cab & torque conv.
Ford 550 Loader Backhoe w/ROPS/torque conv.
IHC 260A Loader Backhoe w/ROPS
Ford 340 loader backhoe, 600 hrs. on tractor loader-demo hoe
Ford 545 loader bucket, good tires, good condition
Coming In... IHC 3414 Loader Backhoe
12 ton used general trailer, good cond.
9 ton Hudson trailer, used
9 ton Eager Beaver w/Bud wheels, good cond.
Trojan Payloader, 2 yard bucket
Used 20 ton Eager Beaver trailer
Used 10 ton Eager Beaver w/tilt bed
Tag Along 15 ton trailer, good condition

Selection Of New Woods Mowers

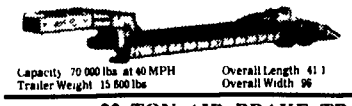
Public Sale
Sat., July 9, 1988 9:30 a.m.
Sale At 4200 Davidsburg Rd., Dover, Pa.
2 Miles West Of Dover

See Us For GOOD QUALITY TRAILERS At The Right Prices

WE STOCK MANY DIFFERENT SIZES AND MODELS, See Us Soon!

Eager Beaver 35GHG BR — 35 TON DETACHABLE GOOSENECK

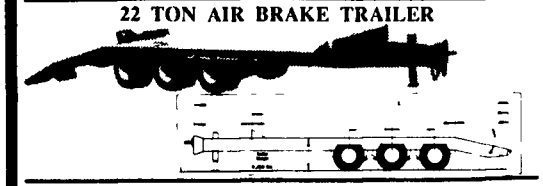
BEAVERTAIL + RAMPS 35GHG/BR — Consider A New Demo Priced Right!



Deck Length 20
Deck Width 96
Deck Height 26
Tires (8) 255/70R22.5
Capacity 70 000 lbs at 40 MPH
Trailer Weight 15 800 lbs
Overall Length 41 1
Overall Width 96

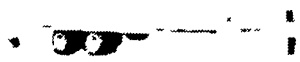
Get A Super Lease Deal!

22 TON AIR BRAKE TRAILER



Eager Beaver 20HA — 20 TON HEAVY AIR BRAKES 20 HA

10 383 36 — In Stock!



Stop In For A SUPER DEAL!

* Lease For Only $240/Mo.

Capacity 40 000 lbs at 50 MPH
Trailer Weight 7 050 lbs
Overall Length 27 6
Overall Width 96
Deck Length 22
Deck Width 96
Deck Height 3/

10 TON HEAVY DUTY AIR BRAKES 10HA

Capacity 20 000 lbs at 54 MPH
Trailer Weight 5 800 lbs
Overall Length 27 6
Overall Width 96
7 995
Deck Length 22
Deck Width 96
Deck Height 33½
Tires (8) 8 75x16 5(L)

In Stock!

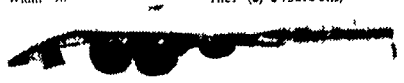
12 TON HEAVY DUTY AIR BRAKES 12HA

Eager Beaver

Capacity 24 000 lbs at 54 MPH
Trailer Weight 6 200 lbs
Overall Length 27 6
Overall Width 96
Deck Length 22
Deck Width 96
Deck Height 32
Tires (8) 9 00x14 5(I)

9 TON HEAVY DUTY BRAKES 9 HDB

Capacity 18 000 lbs at 60 MPH
Trailer Weight 5 550 lbs
Overall Length 27 6
Overall Width 96
Deck Length 22
Deck Width 96
Deck Height 33½
Tires (8) 8 75x16 5(L)



EAGER BEAVER B9DOW 9 TON DECK-OVER-WHEELS/ DISC WHEELS - BUDD WHEELS

4,775

* Why Not Lease?

Capacity 18 000 lbs at 60 MPH
Trailer Weight 4 600 lbs
Overall Length 26 6
Overall Width 96
Deck Length 20
Deck Width 96
Deck Height 33
Tires (6) 9 50x16 5(F)

BINKLEY & HURST BROS. INC.
SALES PARTS SERVICE

133 Rothsville Station Rd
Lititz, PA 17543
(717) 626-4705

Mon-Fri 7 AM - 5 PM
Sat 7 AM - 11:30 AM
Sun Closed Lord's Day

AFTER 5 PM
EMERGENCY PARTS DEPT (717) 626-0885, (717) 933-4753, (717) 273-5673

Good Used Farm Equipment

NH 853 baler, loaded with all options baled less than 100 bales.....$9,800
NH 489 haybine, 3 years old.....$4,650
Pequea 7' PTO tedder, NEW.....$1,275

Can Deliver - Will Trade
717-933-8134

Honda Engines

2.2 hp G100	$199.00
3.5 hp GX110-OHV oil-alert	$260.00
4 h.p. GXV120-OHV	$240.00
5 h.p. GX140-OHV oil-alert	$280.00
8.5 h.p. GXV 270-OHV	$325.00
8 h.p. GX240-OHV	$420.00
11 h.p. GX340-OHV	$495.00
5 h.p. X2" Honda Pump	$550.00
1000 psi - Cam-Spray Washer	$425.00

Daily UPS Service - Free Delivery
Sales - Parts - Service
Orders received before 9:00 a.m. will be shipped same day.

PA RESIDENTS ADD 6% SALES TAX
REPLACEMENT POWER YOU CAN TRUST

Burkholder Equipment

R.D. 5, Box 214 Shippensburg, PA 17257
(717) 532-3360

15 h.p. 3 phase electric motor, 1145 RPM, $300

Flory's Mill
717-569-0516

FOR SALE
L775 NH SKID LOADER, good condition
Ask for Paul
717-532-5511

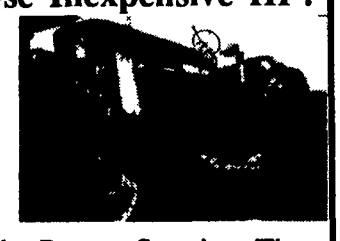
NH 456 mower
NI 40' elevator, good
NH 56 rake
Nickolson tedders, 10-wheel
NH 402 crimper
JD 640 rake w/dolley wheel
Grimm tedder
NH 455 mower
NI crimper w/Smucker rolls
NEW 323 picker
5' beaters and cutditioners
Int. mowers
28' elevator, 32' NH
NH 55 rake w/new teeth
NH 401 crimper
AC-JD-Ford crimpers
JD disc's
cultivator
NI #17 manure spreader
#7 Mc cutter
Nickolson tedder, Hi-wheel
Mc picker
NI and Int. crushers
Cunningham crimper

Kirkwood Repair
Buy-Sell Farm Equipment
552 Coopers Drive
Kirkwood, PA 17536

CHECK OUT OUR NEW ADDITIONS! *"Don't Overlook Them!"*

Could You Use Inexpensive HP?

Try This One!

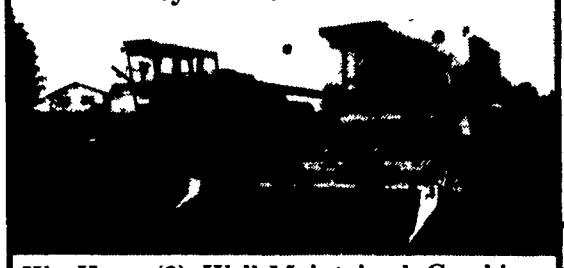


IH 706 Diesel Tractor With 540/1000 PTO And 3 Pt. Hitch, Power Steering That Works. New Rings In Engine And 2 New Valves, 15.5x38 Rear Tires Approx. 40%

ONLY $3,250

CAN'T AFFORD NEW!

Try A Good Used Combine From Binkley & Hurst Bros. Inc.



We Have (2) Well-Maintained Combines Locally Owned And Traded

(1) Massey Ferguson 750 w/15 Ft. Grain Platform And 6 Row Cornhead
(1) TR85 New Holland w/15 Ft. Grain Platform And 6 Row Cornhead Rotary Combine

PRICED FOR CASH OR LEASE!

IN STOCK - TAKE DELIVERY NOW WITH A SMALL DEPOSIT LEASE PLAN!
New GEHL 6620 SKID LOADERS
60 HP Perkins Diesel
State-Of-The-Art Design

We Are Ready To Deal On All New GEHL 2170 9 Ft. PULL-TYPE MOWER CONDITIONER
w/Hydraulic Swing ~~$7,900~~

We Have (1) NEW 2140 7 FOOT MODEL GEHL MOWER CONDITIONER
~~$6,950~~ With Mechanical Hitch Swing
COME AND MAKE A BETTER DEAL!

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AFTER 5 PM.
EMERGENCY PARTS DEPT (717) 626-0885, (717) 933-4753, (717) 273-5673

SELF-LEVELING SKID LOADER- GEHL 4610

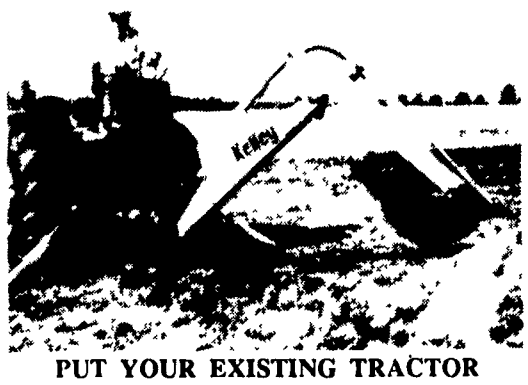
Diesel Powered, 44 H.P., Hydrostatic Drive, 10.00x16.5 Flotation Lug Tires, Factory Working Lights
List Price Over $19,000
Come In And Finalize Your Deal!
UNDER ~~$13,900~~ Or Lease For As Low As $312/Mo.
Supply Is VERY LIMITED...Get Yours NOW!

BUY A MANURIGATOR SYSTEM FOR TWO-FOLD PURPOSE: FRESH WATER OR MANURE IRRIGATION

SPREADS MANURE EVENLY, MINIMIZES RUNOFF
The L.H. Manurigator, Model 1200, Is The Latest In Reel-Type Traveling Gun Irrigation Equipment From L H. Resource Management

In Stock Now!

Kelley POWER-PACKED BACKHOES



PUT YOUR EXISTING TRACTOR TO WORK NOW!
This 3 Pt. Backhoe Has Its Own Hydraulic System And Fits Most Brands Of Tractors
It Does Work Effectively!

ONE OF A KIND! Try This new GEHL 1560
Small Drum, 1000 RPM Diesel Drive Blower Designed To Blow Into 25x90 Structures
One Only - $2,590

NEW DIESEL GEHL 23 HP SKID LOADER
Demo Price Only $8,850

CHECK OUT OUR NEW ADDITIONS! "Don't Overlook Them!"

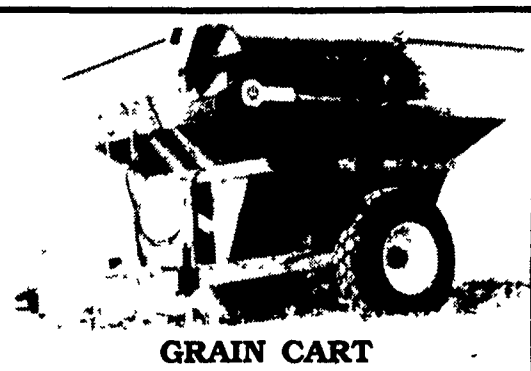
IDEAL FOR SMALL GRAIN AND EAR CORN

McCurdy High Performance Gravity Flow GRAIN & FERTILIZER BOXES At Discount Prices!

- McCurdy Model 190, Model 230, Model 275, Model 375 Double Door Side Dump McCurdy Box Features Durable And Dependable, Heavy Gauge Steel Construction, Quality Wheel Operated Door Options Available: 12", 15", 20" Sides; Ladder; Canvas Cover
- Case 850B Crawler Loader w/GP Bucket w/Teeth, 1980, UC, Sprockets, Pins And Bushing, 75%..... **$23,900 Cash or Lease For $772/Mo.**
- Brand New 18 Ft. Myers 520 Forage Box, 18 Ft 3 Beater Mounted On 12 Ton Tandem Gear With Double Reach Coupling Poles, 11-2x15 8 Ply Tires.... **Tow Away For Only $6,500**
- Buy An American-Built Pull-Type Rake Tedder Combination, 2 in 1 Machine, Super 8" Tedder/Rake, Width To Cover 9' Mower Conditioner Swath . . . Special Only **$1,675**
- IH 385 Diesel, Like New, Approx. 720 Hrs, 38 HP, Rear 13.6x28 Turf Tires To Make An Ideal Mowing & Lawn Maintenance Tractor.. Special Only **$8,650**
- New Holland L250, 1985 Model w/50" Bucket And 40" Manure Fork, Rebuilt Engine, 18 HP, Special Of The Week All For Only **$4,750**
- JD Model 220, Center Fold Disk, 20 Ft Cut Rated, 115 Lb Per Blade, 9" Spacing w/18" to 20" Dia Blades. Lease And Save Taxes! Special Only **$3,995**
- New Case IH 1394 Tractor, 65 HP, Diesel, Turbo Charged For Fuel Economy, 540/1000 PTO And Foldable Safety Rops, 12 Speed Synchro... **Only $14,800**
- New Case IH 1494 Tractor, 75 HP, AC, 540-1000 P Shift, Transmission, NC 1490, Last One In Stock At Special Reduced Price!
- New Case IH 1394, Diesel, Vegetable Special, High Clearance, All Wheel Drive Traction, 65 HP 540/1000 PTO .... Let Your Taxes Pay For This Tractor! Lease/Purchase Now!
- New Case IH Model 265, Diesel, 24 HP w/Cultivators Ready For Work, One Row Cultivator Special, Lease It!
- Case IH 585 Tractor, Diesel, 52 HP. **Lease It! You'll Like It!**
- New Case IH Model 484, All Wheel Drive Tractor, Diesel, 42 HP
- New Case IH 3640 Round Baler With Features. To Make Your Bales The **Best!**
- Come & See Our New Shipment Of Post Hole Diggers Economy & Heavy Duty Models
- IH 720 Forage Harvester with Electric Spout & Cap Control, 1000 PTO With 2 Row 36" Corn Head, Clean Straight Machine **$3,000**
- New 3 Pt. Hydraulic Dump Cement Mixers That Do More, You Can Use This Mixer For Mixing Feed, Fertilizer, Innoculate Seed And Silage/Soil Etc. **$595**
- Slightly Used IH 510 Grain Drill 18x7 With Fertilizer, Double Disk Openers, Grass Seed Attachment, Dual Rib Tires, Paint & Condition Excellent **Only $3,250**
- John Deere Model 110 12 Foot Transport Disk Harrow (UM1321) **Stop In And Make Your Deal!**
- New Transport Heavy Duty Grain Augers, PTO Driven, In Stock Sizes 8"x46', 8"x53', 8"x60', 8"x65', 10"x61'
- New Rhino 8 Foot 3 Pt. Scraper Blade Model LR, Weight 420 Lbs., Only 2 Left At **$525 each**
- New Rhino Model 950 Rear Scraper Blade w/Hydraulics, 3 Pt. With 9 Foot Moldboard, Heavy Duty
- New Bush Hog 62" Tiller, 3 Pt, Designed To Be Used In Up To 60 HP **$1,089**
- CTI Industrial Pallet Forks To Convert Your Loader Bucket Into A Pallet Fork Without Removing Bucket, Designed For Up To 2500 Lbs. (No.3173) Sale Price Only **$640**
- Pacer 3 Pt. 8 Foot LS72 Landscraper Box **$770**
- Southeast 3 Pt. Box Scraper 7 Foot (No. 2107) **$577**
- New WorkSaver 3Pt. 12" Post Hole Digger With Cutter Teeth **$551**
- Pair of John Deere Model 216 Forage Boxes With 1065A Running Gears **$1,925 Each**
- New 3 Pt. Rotary Cutters, 5'-6', Also 60" Finish Mower & **$1272** And 72" Finish Mower **$1350** By Case IH
- New Case IH 3 Pt. 7'10" Cut Disc Mower Discount Special Only **$3,475**
- Good Used New Idea 514 Hydro Swing 14 Foot Mower Conditioner, Just Traded **$7,650**
- Excellent Used IH 510 18x7 Grain Drill With Single Disk Openers, Fertilizer And Grass Seed Attachment, Must See To Appreciate (UM1311) **$3,000**
- 12 Foot 3 Pt. 12 Foot x 4" Pit Pump with 540 PTO **Only $950**
- New Amco Terrace Builder PTO Drive Power Ditcher **Come And See!**
- M&W V-Chisel, 3 Shank w/Wheels, Auto Reset, 36" Shank, Subsoiler, Demo In Stock **$3,450**
- New Dunham Culti-Packers, 14 Foot Models, With And Without Transport Kits **In Stock!**
- New Rhino 5 Shank Coulter Chisel w/Hydraulic Raised Coulters, 6'8" Width, Only A Few Left **Special Tow-Away Offer While They Last $3,850**
- Unverferth-McCurdy Implements For Efficient Farming: Gravity Bins w/Fertilizer Auger Attachment And Truck Auger Attachment, Single And Tandem Axle Running Gears, Dual Wheels And Hardware, Rolling Harrow, Harogator® Attachments, Combine Header, Transports, Soil Conditioner
- New Grimm Super 8 Foot Pull Type Hay Kicker Tedder, PTO Drive **$1,750**
- New 3 Pt. Buzz Saw, PTO Driven **$450**
- Kuhn EL 35-130 3 Pt. 50" Rototiller **$1,425**
- 20 Ft. Steel Cattle Feeder Wagon, 6' Wide 12" Deep With 13½" Transport Type Side Openings, Transport Type With Front Steering Wheels ~~$1,350~~ **Summer Special $1,280**
- Brady Field Cultivator 17½ Foot Wing Only **$1,550**
- New Case IH 420 2 Bottom Spring Trip Plow With Trash Plates, Heavy Duty **$1,160**
- IH Model 56 4-Row Narrow Corn Planter With Fiberglass Fertilizer Boxes, With Monitor, Good General Appearance Only **$2,050**
- Gehl Model 170 Bunk Feeder Wagon **Best Offer** Was... ~~$1,675~~
- Gehl TR3028 2-Row Narrow Corn Head, Used **$1,860**
- New Idea Tandem Axle 224 Web Spreader With Pintle Apron, Single Beater With Endgate Approx 312 Cu. Foot Capacity **$1,925**
- New Micro Scales to Fit Gehl Grinder Mixer Models 100/125/135/170 Mills Special **$2,290**
- IH 710 Plow, 6 Bottom, 16" Auto-Reset, Coulters and Trash Covers, Good Point **$3,995**
- Pettibone 88 Extendo Boom, 42' Lift Forklift With GM Diesel, Lift Approx 8000 Lbs, All Wheel Drive, 1982 Model, Excellent Cond ... ~~$33,900~~

NEW 14 AND 16 FOOT HEAVY DUTY ECONOMY PRICED TRAILERS

76" Inside Fenders, Stakepockets
Specifications The Way You Like Them...
COME AND SEE!



GRAIN CART
GC 4900 475 Bu.
- IN STOCK -

BINKLEY & HURST BROS. INC.
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Located ½ Mile North of Rothsville
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AFTER 5 PM:
Emergency Parts Dept.: 717-626-0885 717-933-4753 717-273-5673

They Are Here! **QUALITY YOU CAN AFFORD**
CASE IH SUMMER SPECIALS - SEE US NOW!

For Your Mowing, Towing, Lifting, Loading, Pushing, Pulling And All Around Choring Needs.
ALL NEW MODELS: 234, 245, 255, 265, 275
You Have A Choice - Horsepower Sizes Available: 18, 21, 24, 31 HP
The New CASE IH Design Keeps You Going
New Case IH Loaders, Front-Mount Dozer Blades & Mower Decks In Stock

Need A Low Price Manure Tanker? 1100 Gallon Summer Time Special **Only $1,690**	**3 Year Old New Idea Hydro Swing 14 Foot** UM 1292 **$7,650** Why Not Lease And ***Let Your Taxes Pay For This Machine!***	**If You Like Quality, Here It Is!** JD 4520 Diesel **$7,750** ***Come And Make Your Deal!***
Case 30 HP Uniloader Late Model 1830 With 60" Bucket Gas Powered UT 1629 **$6,800**	**You'll Like This One!** Case 1155 D 110 HP Cash **$36,500** Lease For **$1,187/Mo.**	**Don't Miss This One!** John Deere 4230 ROPS Tractor Excellent Condition ***Make Offer!***

NEW CASE UNILOADERS IN STOCK:
With Backhoes
Model 1835C Diesel 44 HP With 3100 Dig 100"
Model 1845C Diesel 51 HP With D100XR With Digging Depth Of 110.9"

SUMMER TIRE CLEARANCE SPECIAL!
Get Yours While They Last

Rear Tractor

2-20.8x38 8 Ply Firestone Radial	$650
2-18.4x34 6 Ply Armstrong	$275
2-14.9x28 6 Ply With Tube	$170
1-16.9x30 6 Ply GY	$225

Front Tractor

1100x16 - 8 Ply	$98
9.5x15 - 8 Ply	$65
1000x16 - 6 Ply	$79
600x16 - 6 Ply	$35
7.50x16 - 6 Ply	$49

Used Tractor

1 - 23.1x26 10 Like New	$425
2 - 20.8x38 8% On Wheels	$390
2 - 18.4x38 10%	$25
2 - 18.4x30 6 Ply 60% On Power Shift Wheels	$175
2 - 20.8x38 Firestone 15% Tread	$40
2 - 18.4x38 Coop 20% Tread On Rims	$60
2 - 20.8x38 GY 15% Tread	$40

FAST-FILL YOUR TALLEST SILOS!
Case International 56/600 Forage Blowers

For your smaller silos the 56 Blower gives you a high-volume edge. Auger feed slants 45° to the blower, not the usual 90°. All on less power.
- Blows forage up to 100 feet high
- Capacities: Up to 70 tons of haylage or 100 tons of corn silage per hour
- For tractors 35-PTO horsepower and up

For your tall, big-diameter silos, 100 feet or higher, get the 600 Blower It blows up to 110 tons of haylage or up to 180 tons of corn silage per hour!
- High volume with direct 30° feeding angle
- Drive-in convenience with 30½-inch extendable hopper
- 37-inch-wide, high-volume hopper

See these big-capacity blowers now.
We Have Both Models In Stock!

NOTICE TO ALL COMBINE OPERATORS!
Eliminate All The Guess Work By Accurately Calculating Your Acres Done And Also Yield Performance

REAP THE BENEFITS
Yield Trak Monitors four basic functions ground speed, acres harvested, bushels per acre and total bushels harvested The bushels per acre function is divided into two counters with independent resets, so you can pinpoint yields with each tank-full or measure an entire field

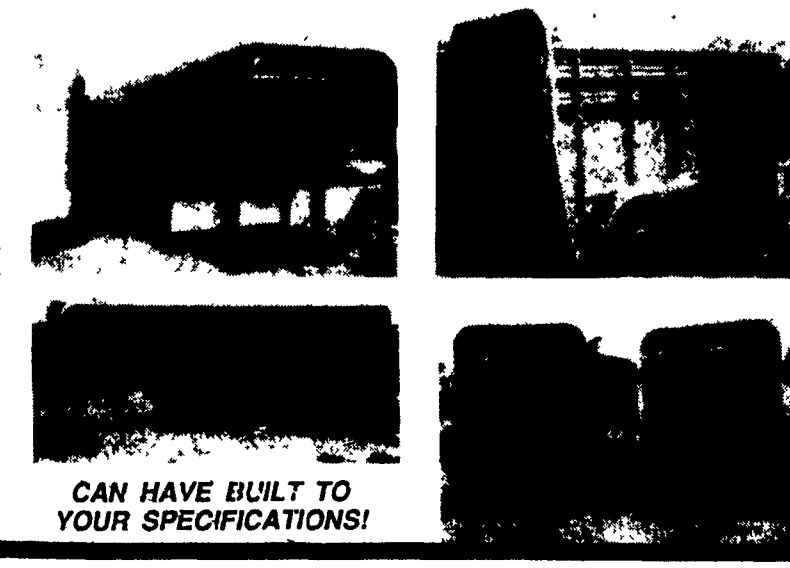
List $149
DISCOUNT SALE PRICE **$296.95**

CALC-AN-ACRE COUNTER
Calc-An-Acre is a state of the art acre counter that accurately calculates and displays acreage with the touch of a button. It incorporates a dual counting system that makes it possible to reset and record individual fields while maintaining a running total of area worked CALC-AN-ACRE is also a digital speedometer that provides true ground speed

Reg. $189.95
DISCOUNT SALE PRICE **$165.25**

BUY NOW AND SAVE!

SEE US FOR NEW STOCK TRAILERS IN STOCK! ALSO HORSE TRAILERS AVAILABLE!



CAN HAVE BUILT TO YOUR SPECIFICATIONS!

SUPPLEE'S SPEED SHOP

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717/535-5684
Machine Shop
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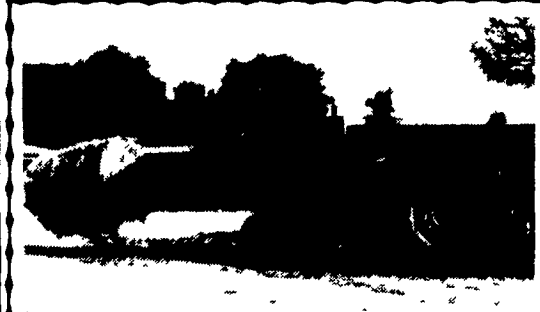
Chevrolet Small Block Engine Rebuilt Kits Rings Rod Bearings and Main Bearings With Full Gasket Set $89 90

Cam Kit Cam Lifters & Prelube $89 95

Other Kits Available At Comparable Prices

Perfect Circle M&W TRW and Sealed Power Tractor Industrial Kits Available

Full Engine Machine Shop Service and Rebuilding Available



MF 1080
w/246 Loader
$6,800
301-833-9091

JD 16A flail chopper, used 2 seasons, $2,600
NH Model 890 chopper w/2RN corn head and hopper w/auger base unit for high moisture ear corn, $3,500
NH Model 27 blower, $1,000
NH Model 679 tandem manure spreader w/hydraulic end gate, $2,600
(2) Kilbros 350 gravity wagons w/JD 1065 running gears & flotation tires, $1,200 each
NI 279 cutditioner, $2,700

717-587-1725
Lackawana Co., PA

6,000 Lb. Cap. Hyster,
very good cond., gas or propane,
$6,000
Many others in stock
301-486-6691

NEW IDEA HAY TOOL SPECIAL

Model	List	Sale
484 Flail Baler	$10,107	$8,500
486 Round Baler	$13,285	$11,000
527 Disk Mower 6'8"	$4,485	$3,500
521 7 Ft. Sickle Bar, Pull Type	$3,445	$2,850
522 3 Pt. 9 Ft. Sickle Bar	$3,050	$2,500
279 9 Ft. Cut-ditioner	$7,995	$7,000

All Above Items Subject To
7.9% Financing and Waiver Of Financing

BIGGS INCORPORATED

34 Buckley Ave., Rising Sun, Md.
NI NEW IDEA 301-658-5531 NI NEW IDEA

M & R EQUIPMENT, INC.

Ford New Holland Case-IH
Kubota

Used IH 1440 Combine,
Excellent Condition,
Priced To Sell

NEW EQUIPMENT

NH L553 Skid Loader
NH 848 Round Baler
NH 455 Loader
NH 520 Spreader
NH 256 Rake
Case IH Tractor
IH 370 2'8"
Case IH 370 Disk, 11'6"
720 Plow
Bottom
7 & 13' Chisel Plows
Case IH 21x7 Grain Drill, model 5100
Case IH 1835C Skid Loader
Case IH 585, FWD
Case IH 885, 4 WD w/cab
Case IH 4 WD
NH 316 Baler
NH Baler

Kubota Tractors
SPECIAL PRICES ON NEW EQUIPMENT
FOB NEW PARK - CASH ONLY

NH 770 W Pickup	$1,725
NH 880 W	$1,750
NH 451 Mower	$2,200
IH 370 Disc Plow, 12'8", Heavy Duty Blades	$3,500
Century 500 gal Pull Type Sprayer, Centrifugal Pump, 8-Ply Tires, Cushion Boom Priced to sell	~~$3,400~~
Grimm Tedder - 8' PTO	$1,650
IH 5500 Chisel Plow, 7', Hi clear, 3 pt	$1,600

M & R EQUIPMENT, INC.
New Park, Stewartstown, PA
PA 1-717-993-2511 1-717-246-1972

Nothing runs like a Deere

Tractors
(Used 50 Series)

JD 4450 MFWD, Cab, Heat, Air, P. Shift, 1900 hrs. ..... Coming In
JD 2550 2WD, Excellent, 300 hrs., New Warantee. $15,900
JD 2350 2WD, High-Low, 96 hrs., New Warantee $15,900

(Other Used Tractors)

JD 2940 2WD, Excellent $15,000
Long 560 MFWD, 1900 hrs., SPECIAL $5,600
IH 4166 4WD $12,500
Farmall 300 w/Fast Hitch & Hydro $1,950
Ford 861 w/Loader $3,950
AC D-14 W/WF, PS, 3 Pt. Hitch $3,850
JD 750 MFWD w/Turf Tires 67 Loader, No. 7 Backhoe, PS, 48 Hrs .. $13,300
JD 650 MFWD w/Turf Tires, 67 Loader, No. 7 Backhoe, 114 Hrs $9,500
JD 650 MFWD w/Turf Tires, Hyd. Valve 59 Snow Blade and Elec. Clutch $7,700

(Late Model JD Combines)

JD 6600 Level Land 1978 Model Coming In
JD 6620 Side Hill w/2400 hrs., 1981 Model, Loaded $32,900
JD 6620 Level land w/2000 hrs., 1979 Model $24,900
JD 6600 Diesel w/2000 hrs., Hydro, 1976 Model $16,900
JD 3300 Gas w/Cab, Priced Right $5,500
JD 45 w/Cab, 2 Row Corn Head & Grain Platform $2,985
JD 55 w/Grain Head, Excellent $1,100
Gleaner K Combine w/3RN & 13 ft. Grain Platform $7,900
IHC 93 w/10 ft. Head $1,900
NI Uni-System 729A Sheller $1,500

Combine Heads

(1) JD 215 Flex Heads
(1) JD 643 Corn Heads, Low Profile, Your Choice $6,900
(3) JD 443 Corn Head, (1) Low Profile, Excellent ..... Starting $4,500 Up
JD 653 Beam Head $4,985
JD 244 Corn Head ..... $ 600

Implements

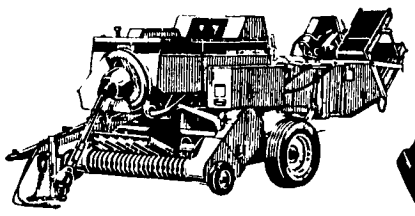
JD 450 Hydro Push Manure Spreader & Hydraulic End Gate $3,900
JD 7000 4 Row Planter w/Dry Fertilizer, No-Till, Excellent $6,250
JD 7000 4 Row Conservation w/ No-Till, Markers, Dry Fertilizer Coming In
JD 7000 6R Liquid Planter w/ No-Till, Excellent $7,500
JD 337 Baler w/30 Ejector & Elec. Controls, Like New $8,450
NI 325 Picker Sheller, 2RN $3,450
NH 320 Baler w/ Thrower, Loaded ... $8,450
NH 271 Baler ..... Coming In
JD 950 Roller Harrow 15 Ft., Like New $4,985
JD No. 100 Stack Mover $1,000
Hesston No. 30 Stacker, Excellent $2,485
JD 675 Skid Loader ..... Coming In
JD 51 Post Pounder, Like New $850
Brillion 18 Ft. Folding Harrow $2,250
Leyland Rotary Hoe $500
JD 1550 Power Till Seeder, As Is $3,000

JD 15 Mini-Excavator
260 Hours
$13,900

WINELAND EQUIP. INC.

RD2 Rte 164 East
Martinsburg, PA 16662
Phone 814-793-2109

NEW EQUIPMENT IN STOCK



- Case IH 8540 Square Baler w/Thrower
- Case IH 1190 Mower Conditioner, 9 Ft.
- Case IH 852(Baler w/Thrower
- Case IH 8320 7-Ft. Mower Conditioner
- Case IH 8830 Mower Cond., with 12 Ft. Head, 110" Cond. Rolls, And Case IH Engine

Case IH 2096, 2WD, Cab
Case IH 2096 4WD, Cab — Demo, Rental
Case IH 2WD, Cab
Case IH 2WD, Heavy Duty Axle, Shuttle Shift
Case IH 485 2WD, Turf Tires — ROPS
Case IH 485, 4WD
Case IH 585, 4WD
Case IH 585 Low Profile Orchard Tractor
Case IH 485 Low Profile Orchard Tractor
Case IH 685 In Stock, Low Profile Orchard Tractor
Case IH 885, 4WD w/Cab
Case IH 1394, 2WD, 2 Post ROPS, Power Shift, Turf Tires
Case IH 1825 Gas Uni-Loader
Case IH 1835 C Gas & Diesel Uni-Loaders — New Units In Stock
Case IH Furrow Plow
Case IH 4500 Vibra Shank Field Cultivator
Case IH 496 Disk Harrow, 19 Ft 1, 9" Spring
Case IH 6 Disk Harrow, 18 Ft 7, 7½" Spring
Case IH 6500 11' Consertill

MAGNUM IS HERE!
- CASE IH 7130, 4WD, 20.8x42 Rear Tires In Stock

— — —

Also
7110 2-Wheel & 4-Wheel Drives

Case IH 415 Packer Mulcher 10'1"
Case IH 415 Packer Mulcher, 13'2"
Case IH 5611 2 Rank 11' Chisel Plow
Case IH 5513 3 Rank Chisel Plow
Case IH 5607 2 Rank 7 Ft Chisel
Case IH 5700 3 Rank 11 Ft Chisel
Case IH 595 Spreader
Case IH 1620 Combine
Case IH 1660 Combine
Case IH 50 Shredder
Case IH 900 Planters - 4 & 6 Rows
Case IH 1818 Uni-Loader
Case IH 2200 Loader
Case IH 2250 Loader
Case IH 2255 Loaders
Case IH 74L Loader For 1394, 1494 & 1594 Case Tractors

Over 20 "200" Series Compact Tractors In Stock — 18 to 30 HP

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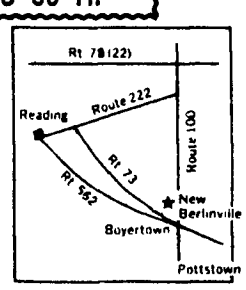
We Ship UPS Daily!

Hours: Daily 7 to 5:30; Sat. 7 to 3



ERB & HENRY EQUIP., INC.

New Berlinville, PA
One Mile North of Boyertown
215-367-2169

case ih

USED TRACTORS

JD 4440 w/SGB, PS, 2000 hrs.	$23,800
JD 4630, SGB, 4 WD, good cond.	$13,800
JD 4430, cab, air, QR, late mdl.	$13,500
JD 4230, SGB, QR trans.	$13,200
JD 4630, PS trans, cab, air	$12,500
JD 2940, hi-lo, 2 hyds., orig. tires	$12,000
JD 2940 2 hyds., hi-low, nice	$12,000
JD 2840, late model, sharp	$9,500
JD 2440 Hi-Lo w/new tires	$8,500
JD 4020, side console, '72	$7,600
JD 2440, overhauled last year	$7,500
Case 1845 Uni Ld., good cond.	$7,200
JD 400 Ind. w/14 3 PT PTO	$6,500
JD 1520 diesel, overhauled, fair	$5,800
JD 4010 Dsl., WF, 2 hyd.	$5,200
JD 2510 diesel, WF, SR trans	$4,500
JD 2020 gas, P/S P	$4,000
JD 950 dsl., new tires, fair cond.	$3,800
JD 318 Lawn tractor w/mower	$3,800
JD 4010 dsl., WF, fair cond.	$3,500
JD 16A Flail Chopper, good cond	$950
JD 2R no-till corn planter	$800
M & W Turbo Kit for JD 4020	$800
JD Rollbar & roof off 2350	$650
JD A w/hyds. & elec. start	$650
Pair JD 18.4x38 axle duals	$600
M & W Turbo Kit for JD 3020	$600
IH 18.4x38 axle duals, like new	$600

Zimmerman Elevators, Hay Tedders
Wagon Gears & Forage Wagons
Farmco Metal Feeder Wagons, Bale Bodies & Country Boy Gravity Bins

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East Main St., Honey Brook, PA.
215/273-3131 or 215/273-3737

USED EQUIPMENT

NH 1003 Bale Wagon
NH 55 Rake
NH 519 Spreader
NH 353 Grinder-Mixer, Like New
NH 676 Manure Spreader
NH 256 Rake
NH 469 Haybine
NH 489 Haybine
Lamco Forage Box, Ex. Cond.
Butler 280 Ensilmixer Stainless Steel Lined
NH 27 Blower
NH 1495 Haybine, Cab, Air
NH 718 Harvestor
NH 258 Rake
IH 430 Baler w/ Thrower

DEALER FOR
Roskamp

Ford FORD NEW HOLLAND
JAMESWAY

1981 L778 New Holland Skid Loader

Diesel engine, fully enclosed cab with heater, wipers, lights. 84" bucket, new 60" bucket, new pallet forks $9200

717-455-0778 or
717-454-8050

TRACTORS

JD 4430, 1974, cab, air, quad range
1976 JD 2640
Ford 4000

MISCELLANEOUS

IH 990 haybine
NI 299 mower conditioner
IH #60 flail mower, 14'
MC 12' flail mower
JD 35 harvester w/2 RW head
JD F145 4-16 semi plow w/harrow attachment
JD F145 5-16 semi plow
JD RG 4 row cultivator, (4 row wide)
JD 7000 4 row wide, notill, dry fert., insecticide, monitor
JD 7000 6-30 dry fert., insecticide, monitor
JD 7000 8-30 dry fert., insecticide, monitor

COMBINES

1987 JD 7720 Titan II combine w/88 hrs. w/JD 220 flex cutter bar w/JD 643 corn head, SUPER SHARP!

1983 JD 8820 Titan combine w/2,642 hrs., power rear, duals w/JD 224 flex cutter bar
1980 JD 8820 combine, 2000 hrs., power rear, duals, JD 220 flex cutter bar
JD 7720 4WD, 2400 hrs. 218 flex cutter bar, 643 C.H.
JD 653 row crop bean head
1987 JD 220 flex cutter bar
1987 JD 643 corn head

1986 JD 6620 Titan II Combine, 203 Hrs., 216 Flex Cutter Bar

W.N. COOPER & SON, INC.
Morgnec Rd. Rt. 291
Chestertown, MD
301-778-3464

1972 International 140 Tractor

with sickle bar mower, excellent condition

Evenings
301-778-5715

USED EQUIPMENT

TRACTORS

IH Farmall B
IH 460 Gas
IH 674 Diesel
IH 84 Hydro
IH 544 Gas w/Loader
Oliver 1650 Gas
Farmall Cub w/mower, cultivator, plow, disk and sickle bar SOLD
Farmall C
Farmall 1066
Yanmar 186
Cub Lo-Boy 185

EQUIPMENT

JD Pull Plow
Howard HR8 60" Tiller
AC 4 Row Planter
IH #10 Drill
IH 510 16x7 Drill
NI Liquid Fertilizer Attachment 6 Row
IH 1190 9 Ft. Mower-Conditioner
NH 479 9 Ft. Mower-Conditioner
NH 27 Blower
IH 35 Rake
NI 402 Rake
Papec Forage Harvester & Hay Pickup
NI 214 Spreader
NI 224 Spreader
Case 3 BT 16" Plow
White Vibra Shank

BIGGS INCORPORATED

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Vermeer

TRIPLE H EQUIPMENT

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(1) KM 321 Mower Conditioner
(2) LS 400M Sprayers, 28' Booms
(1) LS 870M Sprayer
(1) LS 1910T Sprayer
(1) LS 1410T Sprayer, Truck Mount
(1) LS 3010 Sprayer w/45 Ft. Hyd. Fold Boom
12 Seeder/Spreaders - All Sizes!
(1) Electronic Weather Station
(1) 9 Wheel Trailer Rake

Just Arrived! NEW 7 FT. PEQUEA TEDDERS

NEW MASSEY-FERGUSON

(2) MF 1010 Tractors
(2) MF Estate Mowers
(1) MF 283 Tractor
(1) MF 1045 Tractor
(1) MF 1030 Tractor
(1) MF 1016 Loader
6 & 7 Ft. 3 pt. Rotary Mowers
7 Ft. Landscape Rake

MASSEY-FERGUSON

(7.25% Financing - 36 Months)
(0% Financing for 12 Months on Compact Tractors)

NEW H&S EQUIPMENT

(1) 310 Manure Spreader
(1) 220 Manure Spreader
(3) 9x18 Bale Throw Racks, w/8-Ton Gears

USED EQUIPMENT

Hardi 3 Pt. 165-Gal. Orchard Sprayer
(1) 500 Gal. Century Sprayer
400 Gal. John Blue Ground Drive Sprayer
Hesston 1410 Hydroswing
NI 279 Cutditioner

Best Buys in Used Equipment

TRACTORS

Deutz DX-130
Oliver 550
Steiger ST 310
AC D17 w/Loader
JD 4450
JD 4840
Ford 8N
IH 2444
IH 674
IH 856
IH 806
IH 606
IH 4568
IH 2400

TILLAGE

Brillion 14' Field Cultivator
Brillion 20' Field Cultivator
Krause 33' Field Cultivator
Chatanooga 14' Packer
Case 14' Disk
Krause 1976 Disc, 33'
Krause 2416 Disc, 26'
(2) Krause 1966 Disc 31'
Sunflower Disc 29'
Sunflower 1330 Disc, 20'
JD 230 Disc, 20'
Brillion 23' Notched Packer
Brillion 32' Crow Foot Packer
JD 12 Shank Chisel Plow
JD 825 Rollover Plow 3x16
JD Plow, 5x16
Ford 142 Plow 5x16
Krause 2321 Chisel Plow 26'
Oliver Plow, 4x16
IH 720 Plow, 7x16
IH 720 Plow, 6x18
Tebben Deep-Till, 7x30"

MISCELLANEOUS

Ferguson Ditcher
NI 245 Manure Spreader
NI 299 Mower Conditioner
IH 990 Mower Conditioner
JD 8300 Drill 23x7
IH 510 Drill 24x6
IH 46 Baler
IH 47 Baler
NH 320 Baler
NH 1495 Haybine
IH 725 Windrower
IH 60 Shredder
Roanoke Hydraulic Boom Mower
IH 35 Rake

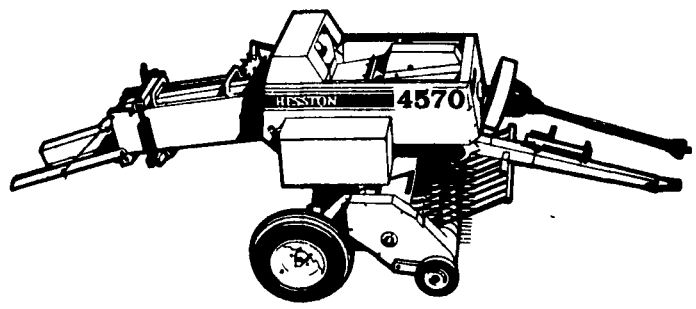
COMBINES

(2) IH 915—JD 7700—AC F3
IH 1460—IH 815

HOOBER
HOOBER EQUIPMENT INC.
MIDDLETOWN, DE
(302) 378-9555 1-800-341-4028

case IH

Introducing An ALL NEW Low-Cost Centerline Baler



• Hesston Model 4570 - 14"x18" Square Baler

The economical Model 4570 is Hesston's newest entry in the square bale market. Thanks to the exclusive "Centerline Design," this new baler builds the straightest, squarest bales possible. And since it employs Hesston's preformed flake concept, leaves are saved and uniformly distributed throughout the bale.

The low profile pickup sweeps windrows clean with less disturbance of the crop and the low profile of the 4570 gives the operator excellent visibility.

The optional hydraulic powered bale thrower saves time and labor. You control direction and distance from the tractor seat so your wagon can be filled side-to-side and front-to-rear. Bales can also be dropped without detaching thrower.

The model 4570 is brought to you by Hesston. See it at your dealer now!

D.W. OGG EQUIPMENT CO.

TWO LOCATIONS

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(Bob's Welding)
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Open 6 Full Days Every Week

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Simplicity

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1 FARM EQUIPMENT

Woods Mow'n machine
16.5 h.p. diesel, 51" mower.
One left
$5,500
Full Warranty
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JOHN DEERE bobcat

Bobcat Model 440B w/bucket, 150 hrs	$4,700
Bobcat Model 642, Flotation Tires, 54" Utility Bucket	$8,600
Bobcat Model 743, 1985, Reconditioned	$10,500
Bobcat Model 722, 60" Bucket	$5,500
Bobcat Model 530, 48" Bucket	$5,500
Bobcat Model 943, Flotation Tires, 14' Backhoe	$28,000

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LCL Construction Equipment
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SMITH'S IMPLEMENTS, INC.
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SIZZLING SUMMER SPECIALS

Demo Special
JD 2550, 2 WD Tractor, Loaded w/Extra Options, w/JD 245 Loader
$22,900

TRACTORS

JD 2940, 2 WD Tractor w/2 Post Roll Bar & Canopy, Low Hrs. **Call For Price**
JD 2240 Tractor w/JD 240 Ldr. **Call For Price**

TILLAGE AND PLANTING

JD 7000, 4 R Cons. Planter, w/Dry Fert., Loaded With Extras **Call For Price**
White 4R No-till Plate Planter w/Monitor, Dry Fert. **$1,495**
IH 400 Cyclo 6R Planter w/Liq. Fert., Loaded w/Extras Was $1,700 **NOW $1,350**
JD 494A Plate Planter Was $175 **NOW $50**
JD 7000, 6R Conservation Planter w/ Liq. Fert. & Extras, Regular $5,995
IH #10, 16x7 Drill **$1,200**

HAY & FORAGE EQUIPMENT

NH 275 Square Baler w/Thrower, Excellent Condition **$2,495**
JD 1209 Mower Conditioner w/New Style Polyurethane Rolls, Completely Reconditioned
JD 660 Bar Rake w/front gauge wheel **$1,995**
JD 216 Forage Wagon w/o Running Gear, **Call For Price**
JD 2RW Snapper Head w/Adaptor Plate Was $1,700 **NOW $1,100**
JD 3RW Corn Head **$2,900**

MISCELLANEOUS

JD 780 Hydro Push Spreader, 3 Yrs Old, **Call For Price**
MF 410 Combine w/4RW Corn Head Was $2,900 **NOW $2,400**
JD 520 Sprayer w/26' Booms, 210 gal Was $700 **NOW $600**
JD 54 Manure Spreader w/Top Beater Was $700 **NOW $595**

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Knight Manure Spreader
Mounted on 1974 Ford Truck
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WE HAVE GOOD SUPPLY SOYBEAN SEED & INNOCULANT

Tye 10' Notill Drill FOR RENT
Reduced Rate For Seed Purchased At Umberger's

JD Model 40 Single Beater Spreader
NI 224, 10T Tandem Axle Spreader
Badger Bedding Chopper w/Electric Motor
Pequea 910, 9' Hay Tedder
NH 6T Running Gear
Hesston 1090, 9' Windrower
VanDale TMR100 Stationary Mixer, Needs Work, Best Offer
NI 402, 5 Bar Hay Rake
Century 500 gal. 35' Boom Field Sprayer

Brillion BUSHHOG HESSTON CORPORATION KUHN
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Good towards the purchase of 1 gallon of Case IH enamel paint. Any color. Limit of four 1 gallon cans.

Pricing Example
Case IH #B17562 Gloss Red
Special Price $23.49
Mfg. Rebate 5.00
Net Cost After Rebate **$18.49**

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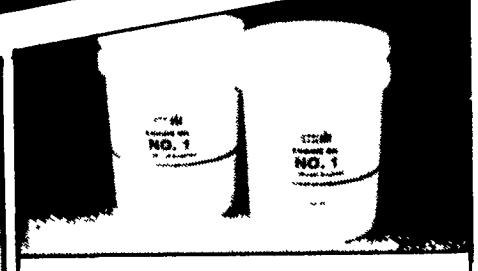

ENGINE OILS
Good for any 5 gallon container of diesel engine oil. Single or multi-viscosity. Limit two.

Pricing Example
Engine Oil, #407356R3
Special Price (SAE30) . . . $22.95
Mfg. Rebate 4.00
Net Cost After Rebate . . . **$18.95**

case IH Rebate Expires July 16, 1988

ALTERNATOR
Good towards the purchase of any Case IH Remanufactured Alternator. Limit one.

Pricing Example
Case IH Alternator, #130126Z
Special Price (Exchange) $59.49
Mfg. Rebate 5.00
Net Cost After Rebate . . . **$54.49**

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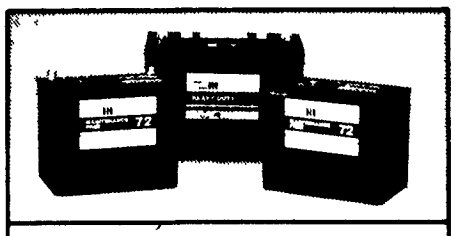

BATTERY
Good towards the purchase of either #B2472, #B7472 or #BHC30 Limit two

MFG. REBATE
$6.00 ea.

case IH Rebate Expires July 16 1988

HY-TRAN PLUS
Good for a 5 gallon container of Hy-Tran Plus Hydraulic Fluid. Part #372705 Limit two

Special Price $22 89
Mfg Rebate 4 00
Net Cost After Rebate **$18.89**

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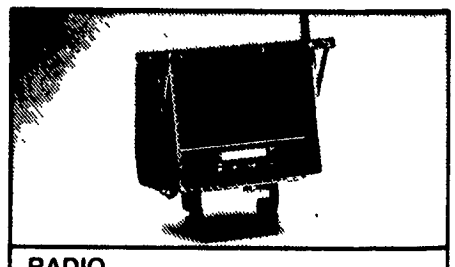


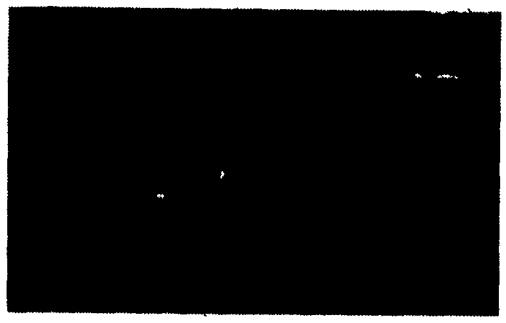
RADIO
AM/FM stereo fender mount radio with cover Part #ZVX3000TRA Limit one

Special Price $139 99
Mfg Rebate 20 00
Net Cost After Rebate **$119.99**

case IH Rebate Expires July 16, 1988

NH 275 baler w/thrower $2,000
NH 495 haybine $3,000
NH 489 haybine, excellent condition $5,500
NH 1495 haybine, full cab, hydro air, excellent condition $15,000

FARNSWORTH FARM SUPPLY
103 Cemetery St.
Hughesville, PA 17737
717-584-2106



Cat 212 Gas
$2,000
301-833-9091

COMBINES
JD 4420 w/213 Flex Head & 443 Corn Head
216 Flex Head & 8R 30" Corn Head
NH TR95 w/3 Heads
JD 1975, 7700 w/215 Flex Head
JD 15' Rigid Platform
AC 4RW Cornhead for M or M2

TRACTORS
JD 4020 Side Console
IH Cub 154 Loboy

PLANTING EQUIP.
AC 8R No-Till w/Liq Fert. & Hydraulic Markers
AC 330 4 R Planter
JD 7000 Cons. Model 6R-30" Dry Fert Insect, Monitor & No-Till
JD 7000, 8RN No-Till Liq. Fert
JD FBB Drill 17x7

MISC.
NH 271 Baler
JD 347 Wire Baler
Nitrogen Applicator w/Tanks
AC 14' Disk Harrow
JD 3800 Forage Harvester
(2) IH #60 Stalk Shredders

Cooper Ent., Inc.
Cecilton, Md.
301-275-2195
JOHN DEERE

705 diesel Uni w/727husker, 725 3 RN corn head, 729A sheller, good condition.
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$5,500
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NEW EQUIPMENT
Magnum 7110 MFD
235, 4WD
245, 2WD
265, HI Clear
IH 370 Disc, 11'6", Demo
275, 2WD
275, 4WD
385, w/ROPS
900 Cyclo Planter, 6R
IH 475 Disc 17'5" Priced to move
IH 181 Rotary Hoe, 15' Demo
IH Cub Mechanic Special

USED EQUIPMENT
IH 1256 Tractor
Bolens diesel tractor, hydro. w/mower
500 Crawler R/C
Farmall H
Farmall C
NH 56 Rake
IH 45 Baler
NH 269 Baler w/thrower
JD Hay Rake
NI Hay Rake
Haines bulk bodies
IH 3-Btm Mtd. Plow
Mechanical trans-planter
Oliver 4-Btm. Semi-Mtd. Plow
IH 4 btm. semi-mtd. plow
MF 4-Btm. Mtd. Plow
MF 82 Combine 13' Grain Head
Haines Stone Pickers
(2) IH 234 Corn Pickers
IH 455 Corn Planter
IH 456 Corn Planter
IH 1150 Grinder Mixer

case IH
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Heavy-Duty
Lithium
10 Tubes Per Box

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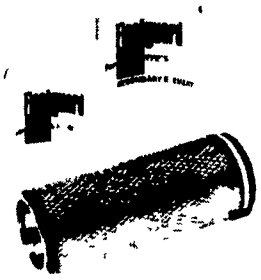
YOUR PRICE	$7.40

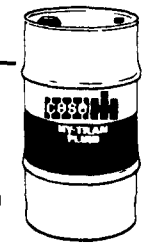
- Heat & Water Resistant
- Oxidation & Rust Inhibited

Fleetguard Filters
Filters



EXTRA 10% OFF OUR LOW PRICES

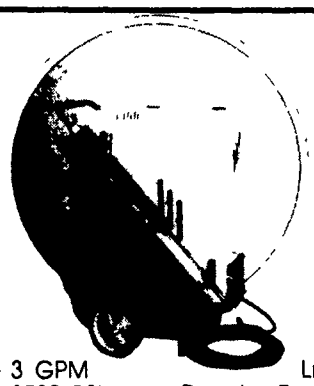
HY-TRAN Hydraulic Oil
30 Gallon Drums



List	$157.15
Regular Price	$117.00
Less Hoober Special Discount	$15.00
YOUR PRICE	$102.00

HOT WATER **Ghibli** COLD WATER

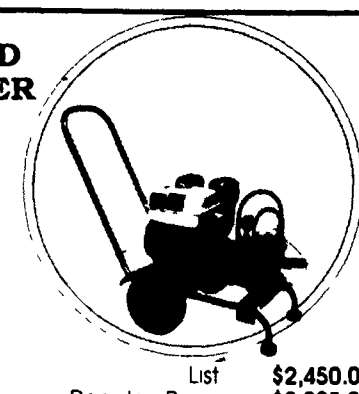
BEE LINE



- 3 GPM
- 1500 PSI
- Adjustable Pressure
- Adjustable Temperature

List	$2,695.00
Regular Price	$2,425.50
Less Hoober Special Discount	$ 250.00
YOUR PRICE	$2,175.50

Pressure Washers



- 4 GPM
- 2000 PSI
- Adjustable Pressure
- Adjustable Temperature

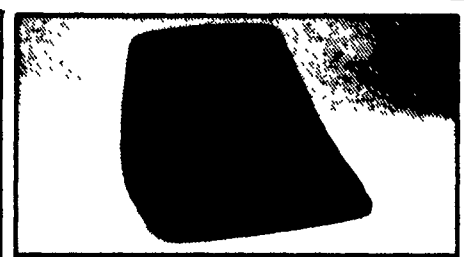
List	$2,450.00
Regular Price	$2,205.00
Less Hoober Special Discount	$ 250.00
YOUR PRICE	$1,955.00

All Items Subject To Available Dealer Inventory

HAND CLEANER
Good for one 4.5 lb. container of either standard, #B17585, or antiseptic, #M20662, hand cleaner. Limit one.

MFG. REBATE
$3.00 ea.

case IH Rebate Expires July 16, 1988

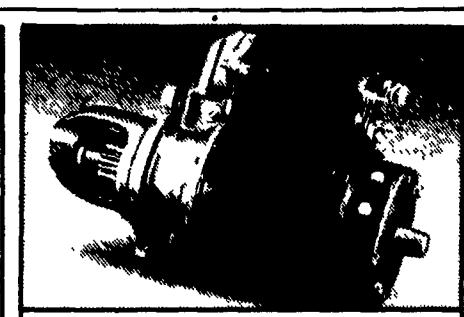


SEAT
Good towards the purchase of one lawn and garden tractor seat, #ZSA7768102. Limit one.

Special Price	$38.79
Mfg. Rebate	4.00
Net Cost After Rebate	$34.79

case IH Rebate Expires July 16, 1988

HOW TO CLAIM REBATE:
- Purchase any item shown from either HOOBER location.
- Complete the rebate form provided by HOOBERS at time of purchase.
- Mail all claims by July 31, 1988 to: Case IH Parts Payback '88 Rebate Offer c/o Young America Corp., P.O. Box 7040 Young America, MN 55473-7040
- Checks will be sent directly to you.



STARTER
Good towards the purchase of any Case IH Remanufactured Starter. Limit one.

Pricing Example

Case IH Starter, #480905Z	
Special Price (Exchange)	$53.48
Mfg. Rebate	5.00
Net Cost After Rebate	$48.48

case IH Rebate Expires July 16, 1988

WE SHIP PARTS DAILY
Via UPS-PPSH-BUS-AIR FREIGHT, ETC.

NEW EQUIPMENT IN STOCK

Case IH 275-2WD-30 H P.
Case IH 275-4WD-30 H P
Case IH 385-2WD-35 H P
Case IH 485-2WD-4 H P.
Case IH 1494-4WD-Cab-75 H P
Case IH 1896-4WD-Cab-95 H P
Case IH 2096-2WD-Cab-115 H P
Case IH 1190 Mower Conditioner
Case IH 8530 Square Baler
Case IH 600 Forage Blower
Case IH 2250 Loader
Case IH 5500 Chisel-7' & 9'
Case 1825 Uniloader
Case 1835 Uniloader
Gehl 1540 Forage Blower
Gehl 1560 Forage Blower
Gehl 1580 Forage Blower
Gehl 2160 Mower Conditioner
Gehl 2170 Mower Conditioner
Gehl 318 Wheel Rake-18'
Gehl 750 Forage Harvester
Gehl 322 Scavenger
Gehl 1160 Windrow Merger
Gehl 970 Forage Box-Roof
Gehl 1500 Round Bale Mover
New Idea 406 Rake 9'6"
New Idea 406 Hydraulic Rake
New Idea 5407 Disc Mower-7'
New Idea 5408 Disc Mower-8'
New Idea 3816 Slurry Spreader
New Idea 3825 Slurry Spreader

USED EQUIPMENT

TRACTORS
Case 1070 Canopy
Case 2090 Canopy
AC WD
AC 180
Case 580B Loader Backhoe
Case 580D Tractor Loader
Case 580E Loader Backhoe 4WD

IMPLEMENTS

Hay & Forage
IH 225 Hay Swather
NI 299 Haybine
NI 486 Round Baler
Gehl 1460 Round Baler
Gehl 810 Forage Box
Gehl 920 Forage Box
Gehl HA 900 Hay Pickup
Gehl 2RN Row Crop
Gehl 2RW Row Crop
Fox 3000 Harvester
Fox 3RN Row Crop

Miscellaneous
JD 750 Grinder Mixer
JD 7000 6RN Planter
IH 370 Disk Harrow 12'
NH 308 Slurry Spreader
Hesston 2000 Tank Spreader
NI 836 Uni Husker-16 Roll
Ontario Grain Drill

A.L. HERR & BRO.
Park Ave., Quarryville, PA 17566
(717) 786-3521
We Ship Parts U.P.S.

GEHL
Gets into your system
case IH
BUSH-HOG
NEW IDEA

BUY YOUR NEXT COMBINE FROM

case IH

AXIAL-FLOW COMBINE OWNERS SPEAK OUT ABOUT HOOBER COMBINE SERVICE

HOOBER'S COMBINE SERVICE SPECIALISTS ARE EXPERIENCED IN ALL CROPS AND MOST ALL FIELD CONDITIONS

We Asked Our Combine Service Customers This Question:
"What Can C.B. Hoober & Son, Inc. Do To Improve Our Service To You?"
Here Are A Few Replies.

I really can't think of any one thing to improve on. I'm sure there are a few, but I've always found when I needed advice, parts or service someone would try to help day or night. If all dealerships would try as hard as you guys, farmers would be better off.

DAVE BECKER
Elizabethtown, PA

I live in the State College area and I think Hoober's service has been outstanding. If I have a service call to be made, the airplane service to fly mechanics is great.
I wish Hoober could have dealerships in different parts of the state, but it's still amazing how well they can serve the people in such short time. I'm very well pleased.

EUGENE CORL
State College, PA

It's a job well done - the best I've seen yet.

JOHN SHEARER
Spring Grove, PA

Dolomite Construction Co. is also in a service oriented business. I would only hope that my customers feel as satisfied with our service as I am with yours.
In the farm business, you are the best we do business with.

BOB BLEMIS
Dolomite Construction

Not all places we walk into do we get the attitude that the people behind the counter want to solve your problem.

AARON KAUFFMAN
Parkesburg, PA

C.B. Hoober is a pleasant place to do business. Everyone is very courteous. We have no complaints at all. Ken Diller really knows his combines & we appreciate his patience in explaining things to us. We would rate C.B. Hoober at the top of the list of businesses we deal with. Everyone is very honest & sincere, a rare quality nowadays in business.

WILLIAM CAPP
Hershey, PA

case IH

All New & Used Products
Backed By Hoober
Parts & Service

(717) 768-8231

C.B. HOOB
INTERC

...BER SON INC. ... THE AXIAL-FLOW SPECIALISTS

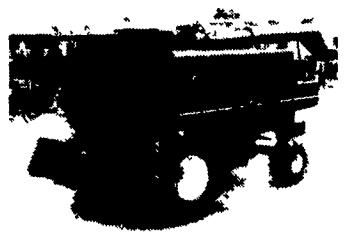
If You Are In The Market For A New Or Used Combine, Come To Us Before You Buy Because...

- Hoober has a large selection of Used Combines - all sizes and makes
- Hoober Used Combines are backed by 5 Combine Service Specialists
- Hoober Used Combines are backed by the largest Case-IH Combine Parts Inventory in the East.
- Most all Used Combines at Hoober's are priced below wholesalers.

USED COMBINES

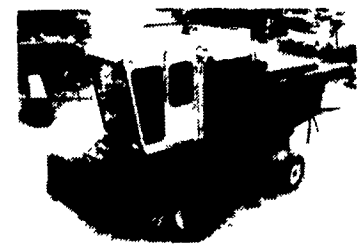
If You're In The Market For A Good Used Combine... COME TO US BEFORE YOU BUY!

John Deere 6620 Side Hill, Diesel, Hydro, 2400 Hrs. (U2121)



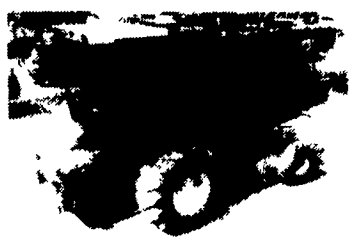
IH 1460 Axial Flow, Diesel, Hydro, 1984, 1529 Hours, 30.5x32 & 18.4x16.1 Tires, A/C, Auto Header Control (U3398)

MF 510 Diesel, Gear, AC, Grain-saver, 18.4x26 Tires (U1995) Was $10,200 **Now $8,850**

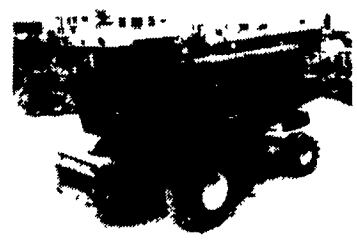


IH 715 Combine, Diesel, Gear, 18.4x26 Tires (U3080)

IH 1460 Combine, Diesel, Hydro, Cab w/Air & Heat, 30.5x32 & 18.4x16.1 Tires, Auto Header Control, Monitor (U3238)



IH 1460 Combine, Diesel, Hydro, Cab w/Air & Heat, 30.5x32 & 18.4x16.1 Tires, Auto Header Control, Monitor (U3076)



IH 1440 Combine, Diesel, Hydro, 1753 Hrs., AC & Heat, 28Lx26 Tires, Auto Header Control, Monitor (U3092)

AC Gleaner FKS, Diesel, Hydro, 18.4x26 Tires (U3342)

OTHER USED COMBINES

- IH 1460 Combine, Diesel, Hydro, A/C, 28Lx26 Tires, Reconditioned (U2060)
- AC Gleaner N5, Diesel, Hydro, 4WD, 24.5x32 Tires, 1450 Hours, 6 RN Cornhead, 15 Ft. Platform (U2888)
- IH 715 Diesel, Hydro, A/C, 1250 Hours, Reconditioned (U2113)
- JD 7700 Diesel, Gear, A/C, Chopper, Handyman Special (U1361)
- MF 510 Diesel, Gear, A/C, 18.4x36 Tires, Sharp (U1992)
- Just Traded - IH 1480 Diesel, Hydro, A/C, 1984, 30.5x32 Tires, Extra Sharp

LARGE SELECTION OF CORNHEADS & GRAINHEADS FOR ALL MAKES

It Takes A Tractor This Good To Earn A Warranty This Good

The MAGNUM 5-Year/5,000-Hour Warranty

Stands the best warranty in the business: The MAGNUM tractor 5-year/5,000-hour warranty, whichever occurs first.* A warranty that gives you coverage, from top to bottom, front to back. It's the best warranty in the business. By far.

5,000

* Excluding tires, which are covered by their own manufacturers' warranties. A $200 deductible applies to each repair after the first year.

R

SON INC.
RSE, PA

Authorized UPS Station

VISA

USED CONSTRUCTION EQUIPMENT

Backhoes, Loaders, Crawlers, Dozers, Etc.
Currently Available:

Backhoes: JCB 1550, JCB 1550 w/4WD, cab, extend-a-hoe, IH 270-A w/extend-a-hoe, IH 260, Case 480-C

Crawlers: Cat. 941, IH 175-C w/new motor and pedal steer

Miscellaneous: Northwest hydro 81, 2 to choose from, cheap, Case 1835 skid steer; Case 1845 Skid Steer, IH 3850, 4 WD loader; IH 484 w/ sweeper, Hough 50 Payloader; IH 340 Forklift, MF 2500 Forklift, Woods C80 3 pt mowers (5), Ford 3 pt mower model 917

Inventory Changing Daily. Call for current prices Located in Eastern Baltimore County, Maryland

Ask For
Rick Kammann
301-335-4189 Day
301-335-5920
Evenings

NEW EQUIPMENT

Deutz Allis 6250 2WD
Deutz Allis 6260 2WD
Deutz Allis 6265 2WD w/Loader
Deutz Allis 7110 AWD, Cab, Heat & Air
Deutz Allis 13½ Ft. 2500 Disk w/Cushion Gangs
Model 380 HD Baler
750 Gal. (Cagle) Sprayer

USED EQUIPMENT

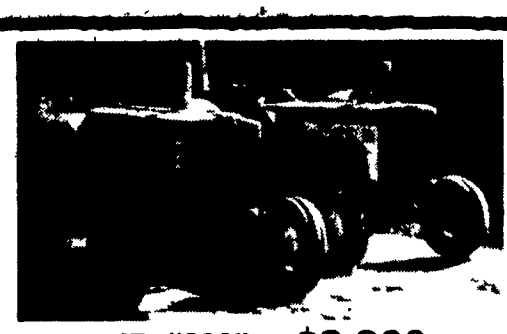
JD 1290 Mower-Conditioner
IH 800 4 Row Plate Planter w/Liquid Fertilizer Field Ready
5 Bottom model 700 IH Plow, spring reset
Kuhn 3 Pt. 6'7" Mower
AC E-111 Combine w/240 Corn Head and 10 Ft. Grain Head Excellent Condition
NH 1469 NH SP Haybine w/Ford Engine

Special On Planters New & Used
Liquid & Dry Fertilizer
Plate & Air Units

COMPARE OUR PRICES ON WOODS MOWERS

B. EQUIP. INC.

8422 Wayne Highway
Waynesboro, Pa. 17268
DEUTZ ALLIS
717-762-3193



JD "830" - $3,200
JD "R" - $2,400
Both in good running condition
Other John Deere Diesels Available
703-347-7338 or
703-754-7549 Evenings

STOLTZFUS WELDING & REPAIR

76 S. Vintage Rd.
Paradise, PA 17562
Between Rt. 30 & 741

All Kinds Of Farm Machinery Repair Work

Portable Welding On The Job

Also For Sale
New Auto Turn Carts
Square Hay Racks - Bag Wagons

Madey Farms

Windber, PA
814-467-8839
814-467-7085

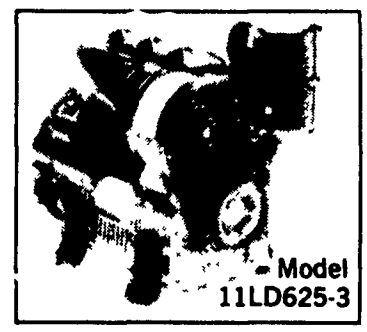
TRACTORS

IH 1256 diesel	$5,900
AC 210 diesel	$5,600
930 Case Dies SOLD	$4,200
MF 1080 Diesel	$4,500
Ford 8000 D	$5,950
Oliver 1750 D w/Cab	$4,950
Ford Dsl., 65 H SOLD WD	$5,600
Owatonna 330 Uni Loader w/4' Bucket	$3,200
Case 730 Gas	$2,950
Hesston #10 Hay Stacker	$1,895
NI 701 Power Unit w/combine and sheller unit	$3,200

LOMBARDINI DIESELS

The Farmer's Choice

MOWERS, BALERS, CORNPICKERS, CHOPPERS, ETC.



LOMBARDINI DIESEL USES ½ OR LESS FUEL THAN GAS ENGINES
LESS DOWNTIME THAN GAS ENGINES

Is your old engine giving you a headache? Try a LOMBARDINI...World's Largest Manufacturer of Small Air-Cooled Diesel Engines.

DIESELS OUR SPECIALTY

Let Us Know Your Service Problems Check Our Prices

Service After The Sale... That's Us!

HOOVER DIESEL SERVICE

255 Mascot Rd.
Ronks, PA 17572
(717) 656-3322
(717) 295-1729

313 Furnace Rd.
Quarryville, PA 17566
(717) 786-2173

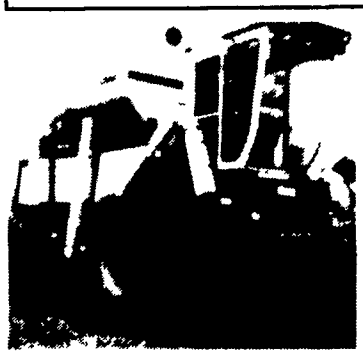
DEALER INQUIRIES INVITED

SPECIALS OF THE WEEK

BRAND NEW

AC 7045
WITH ROPS & CANOPY

- *Never Used*
- *Warehouse Kept*
- *Factory Warranty*



AC Gleaner L2
6 Row Cornhead,
15 Ft. Flex Head,
Excellent Condition

Used AC 7060
In PERFECT Shape!

Used AC Corn Planters
IH 800 Planter (Very Nice)

NEW **M3 GLEANER COMBINE**

MORE TRACTOR SPECIALS

NEW AC TRACTORS

5050 A.C.	5040 A.C.	7045 A.C.	6070 A.C.
Deutz Allis 6240's—6250's	7010 A.C.	6240 A.C.	6140 A.C.

USED AC TRACTORS

7040 A.C.	XT 190	185	7000
7030 A.C.	180	7060's	7045 A.C.

OTHER USED TRACTORS

IH 340	IH 140	IH 806
IH 244 FWD	AC 6080 4WD w/Loader Low Hours	JD 1050 4WD

Super A w/Plow & Cultivators (A-1 Shape)

NI 708 UNI-SYSTEM, HYDRO DRIVE w/717 COMBINE CORNHEAD & GRAINHEAD

GRUMELLI FARM SERVICE

See Salesmen:
Jerry Hershey
Clarence Herr
Tony Grumelli

Quarryville, Pa.
717-786-7318

bobcat
DEUTZ ALLIS

Martin Tractor

RD 2, Box 247 Newville, PA 17241

Used Tractors

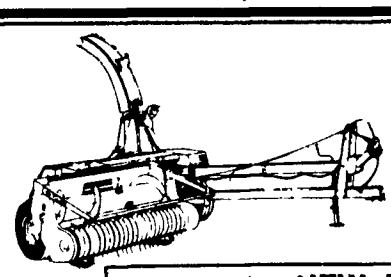
MM G900, M SOLD 0, Farmall M; JD 2010 gas; M&W Turbo Charger Kit for IH 756.

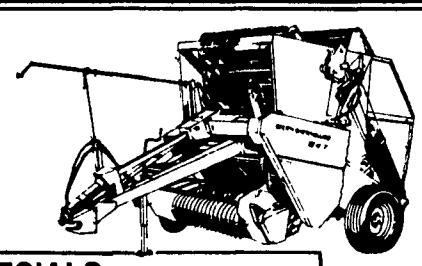
Currently Dismantling Tractors For Parts

AC, D19, XT190, 200; CASE VC, VAC, SC, 870; FORD 851, 971, 4000, 6000, 9600; IH M, Super C, UD9 power unit, B275, 300, 350, 460, 504, 584, 656, 666, 706, 806, 1026, 1206, 1256, 1586; JD A, 50, 60, 520, 720, 2010, 2510, 3010, 4010, 3020, 4020, 4430, 2040; MF 65, 85, 165, 175, 178, 180, 1080; MH 44; MM 4 Star, 5 Star, Jetstar 3, 445, 602, 670, G1000; Oliver 77, 88, 770, 1450, 1650, 1750, 1800, 1850, 1855, 1950, 1955.

717-776-7542
No Sunday Calls Will Ship UPS
No Out Of State Personal Checks

Ford FORD NEW HOLLAND



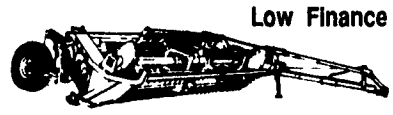


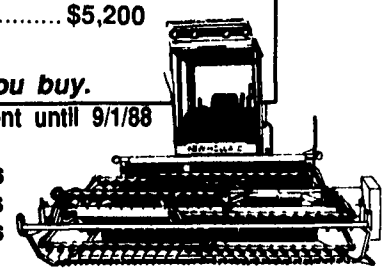
NEW EQUIPMENT SPECIALS

NH 770W Pickup Head (Demo)	$1,600
NH 353 Grinder-Mixer, Like New	Call for Price
NH 718 Harvestor (Rental Model)	$5,700
Cash Discount	$500
Total Cash Price	$5,200

Many more items in stock
Check our inventory & price before you buy.

Free Financing on Hay & Forage Equipment until 9/1/88
or
Low Finance Rates 0% - 12 Months
5.9% - 24 Months
7.9% - 36 Months
or
Check with us for Big Cash Rebate Amounts





DEPENDABLE MOTOR CO.

East Main St., Honey Brook, Pa.
215/273-3131 or 215/273-3737
Dependable Is More Than Our Name

USED EQUIP.

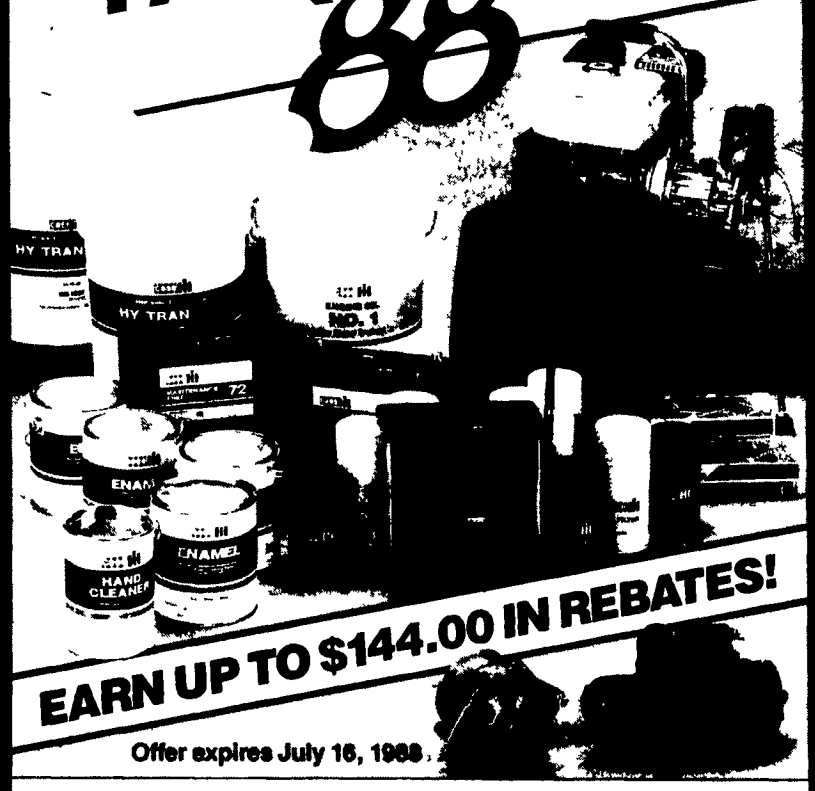
JD 2640 Tractor
NH 495 Mower Conditioner
JD 4420 Combine w/Platform & Corn Head
JD 1240 Corn Planter
JD 7700 Combine
JD 7700 Combine w/640 C.H. & Platform
JD 6600 Side Hill Combine w/444 Corn Head
JD 6620 Sidehill Combine w/215 Flex Platform
JD 6600 Side Hill Combine
NH 892 Chopper w/3R C.H. & PU Attachment
IHC Silage Blower
NI Silage Blower
JD 716 Forage Wagon
JD 3940 Chopper
JD 3800 Chopper
JD 38 Chopper
JD 34 Chopper
JD BWA Disk
JD 35 Chopper
JD 7000, 6R Cons Planter
JD 27 Shredder
NH 489 Mower Conditioner
JD 1217 Mower Conditioner
John Blue 400 gal Applicator
JD 1450 5 btm Plow
JD 1450 4 btm Plow
JD 8350 18x7 Grain Drill

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
Ph: 301-452-5252

Final 2 Weeks!

Zimmerman's Farm Service OFFERS YOU

PARTS PAYBACK '88



EARN UP TO $144.00 IN REBATES!

Offer expires July 16, 1988.

ZIMMERMAN'S FARM SERVICE
½ Mile West Off Rt. 501 On School Road, Bethel, PA
Phone 717-933-4114
case IH

Michigan Loader
Good Condition
$5,500
301-833-9091

KEEP COOL
Ceiling Fan Special
56" $65
List $79
60" $110
List $130
3 yr. Warranty
24" Circulating
Complete $110
New Motors
In Stock
Also Rewinding
Stoltzfus Motor Sales & Service
Morgantown, PA
215-286-5609

WISCONSIN HEAVY DUTY ENGINES

Skid Loader Replacement Engines

- V465D-LB, 65.9 HP ..... as low as **$2,495**
- VG4D-SB, 37 HP ..... as low as **$1,595**
- VH4D-LB, 30 HP ..... as low as **$1,495**
- VH4D, 30 HP, LB Bobcat Repl. ..... as low as **$1,395**
- TJD, 18.2 HP, Baler Repl. ..... as low as **$1,025**

Also In Stock

- VH4D Crankstart With 4-1 Clutch Reduction **$1,995**
- WI 588, 16 HP Elect. **$645**

LINCOLN ELECTRIC® SUMMER SPECIAL
Welders, 150-225 Amps.

• Wisconsin Robin • Honda • Kawasaki
• Kohler • Tecumseh • Briggs & Stratton
• Honda Industrial Generators
• Kubota Generators & Water Pumps

Authorized Service Center
• Complete Rebuilding • Large Parts Inventory

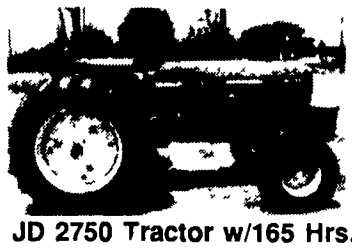
FISHER ENGINE SERVICE

3141 Old Phila. Pike, Bird-In-Hand, PA 17505 (717) 768-3729
HOURS: Mon-Fri 7 AM - 5 PM; Sat 8 AM 11 AM

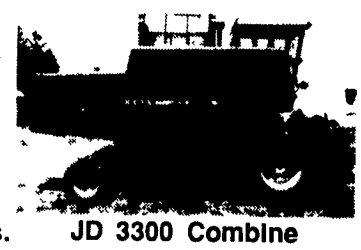
Plugston Implement Inc.

Chambersburg, PA 17201

JD 4400 Combine



JD 2750 Tractor w/165 Hrs.



JD 3300 Combine

JOHN DEERE USED

JD 2750, 165 Hrs.
JD 2RN & 2RW C.H.
Jd Transport Disk
JD 210 Disk
JD 110 Disk
JD 66 Blower
JD FBB 13x7 Drill
JD Fert. Fill Auger for JD 6RN 7000 Planter
JD 300 Husker w/244 Head
JD 343 Head
JD 14 Skid Loader
JD 336 Balers
JD 35 Harvester w/Heads
JD 3940 Harvester w/PU

CORN PLANTERS

JD 7000 Conserv. 6RN, Dry
(3) JD 7000, 6RN, 2 Dry, 1 Liq
IH 800, 6RN, Liq. Fert
IH 400, 4R, Dry Fert. w/ Monitor

NEW HOLLAND USED

NH 276 Baler w/Thrower
NH 2R Snapper Head for Fg. Harv.
NH 23 & 26 Blowers
NH 1880 SP w/3RN & PU
NH 880 w/2RN
NH 469 Haybine
NH 488 Haybine
NH 1495 Haybine Planetary
NH 770 Harvester

Used Combines: JD 3300 Dsl. w/ Heads
JD 4400

If interested in used 20 Series & Titans, give us a call

OTHER EQUIPMENT USED

MF 175 Tractor
Ford 4B Reset Plow
Ford 3B Reset Plow
Ford 3B Trip Back Plow
NI 208 & 213 Manure Spreaders
IH 440 Baler w/Thrower
IH 881 Forage Harvester w/ Heads
Gehl 600 Harvester w/3 Heads
Gehl 99 Blower
Gehl 750 Harvester w/ Heads
MF 925 Mower Conditioner
Hesston 1090 Mower Conditioner

New Hay Wagons: 8x18, 9x18, 9x20

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NEW HOLLAND
bobcat
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TRACTORS

David Brown 885 Low Profile
IH 184 Loboy
Cat D6 Dozer w/Pan
Kubota L225
AC 7580 AC 5020
AC 7000 AC 190
AC 7020 AC 8030
AC 7060 Ford 8N
MF 2745
AC 200 w/Cab

BALERS

IH 47 w/10 Thrower
Hesston B450
IH 435
IH 440
JD 336 SOLD ower
NH 278 w/Thrower
NH 2000 Large Baler
NH 269 NH 269
NH 273 NH 846 Round
NH 276
NH 275 w/54A Thrower

RAKES

NH 256 Hay Fluffer
NH S55 IH 35
IH (3) NH 258
Deutz Fahr KH40 Tedder
Vicon V Wheel
Yanmar Landsape

SPREADERS

Farm Hand
NI

FORAGE EQUIPMENT

NH 495
NH 890 N3 w/890A Head
NH 1495 SP w/Head
NH 892 w/2 Heads
NH 770 w/WPU
NH 890 w/880W & 822
Hesston 3RW & WPU
(2) NH 30 Blowers
Field Queen Side Dump w/4RN & WPU
NH 900, 2R 30" Snapper Head only
NI 703 Gas Uni System

MISCELLANEOUS

NH 455 8' Disk
NH 27 Blower
IH 1250 Grinder Mixer
NH 358 Grinder Mixer
NH 357 Grinder Mixer
NH 445 Skid Loader w/Bucket
Seed Easy Seeder
AC Disk 2500
Case Hammer Mill
Owatonna Skid Loader 1700
IH 1050 Grinder Mixer
2 NH #8 Boxes
Kory Running Gear
Cent Sprayer
Haybuster Drill
NH 810 Bale Wagon

MOWERS

Dixie M SOLD
Toro Mower
NH 1900 w/919A4 & 919N4
Rhino 20' Batwing
Kuhn 7'10" Disk
Triumph Sickle Bar
NH 463 Disk Woods 121
NH 451 Woods 5'
Boom Axe Side Mount

LAWN & GARDEN

AC 917 H w/Mower
JD 111
Yazoo
Case 446 w/Mower
AC 410 Tractor w/Plow
Homesteader 208
AC B112
IH F Cub
Gradely SOLD
Kubota B6000 DT w/Ldr & Tiller
AC 620
Wheel Horse

PLANTERS

AC 600, 4R, Air
AC 600 4R no-till
AC 600 6R no-till
(2) AC 333

COMBINES

600
6RN 15 Grain Head
II w/2 Heads
G440 Corn Head

MOWER CONDITIONERS

Gehl MC1090
IH 1190
NH 488

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6 Used Case Model 1845 Diesels, 1985 & 1986 Models, Approximately 1000 Hours, New Tires, $13,500 Each
2 Case 580 D
1981 Case 1370 Tractor

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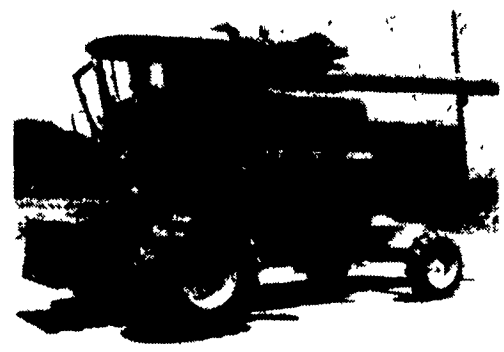

JD 6620 SIDEHILL HYDRO

One Owner 482 Hours,
Straw Chopper, 6 Row N Corn Head, 15 Ft. Flex Grain Head.
717-246-3567

FOR SALE

MF 175 diesel, 6 spd., engine overhauled, good rubber
MF 175 diesel, good condition
MF 165 diesel, WF, good condition.
MF 50 diesel
702 diesel Uni harvester w/767 Super chopper, .new knives, 3 row narrow corn head & electric knife sharpener & cab. Best offer.
MF loader w/bucket
Engine parts for 478 GMC diesel.

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$20,000

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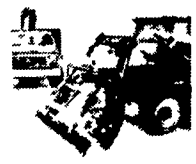
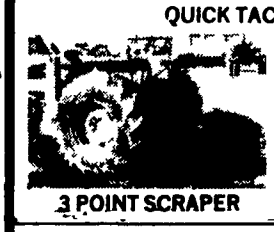
- ★ THREE DIFFERENT HOOK UPS BUCKET THREE POINT BOBCAT

NEW!

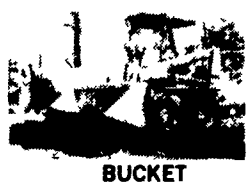


PUSH & PULL!

QUICK TACH SCRAPER



3 POINT SCRAPER



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COMBINES

JD 6620 Side Hill, very good
JD 6600 Side Hill, hydro, very good
JD 7720, 2,000 hrs , good cond , 4WD
JD 6600 LI , rotary screen, dsl , hydro, good
JD 7700 turbo, HDR, 15' platform
JD 4400, cab, AC, 13' platform, very good
MF 750 hydro, 1163 CH, 15' platform, $19,000, very good must move
MF 760 Hydro, 1163 CH, 15' platform, $17,000, very good, must move
MF 510, cab, dsl , platform, Reduced $3,500
NH 975 w/platform, cab, $3,500
AC L630 corn head, excellent, $5,000
(2) MF 44 corn heads, $2,000 & $2,700
JD 443, 444, 643 corn heads
JD flex platform, 13', 15', 16' & 18'
NI 710 c[SOLD]e unit $1,250
NI 701 U[SOLD]R picker
NI 325 sheller, good, $2,900

9.5% Fixed Rate Financing
Or Interest Free Till Sept. 1988

(3) New 6620 Side Hills, In Stock
(2) New 215 Flex Platforms, $8,500

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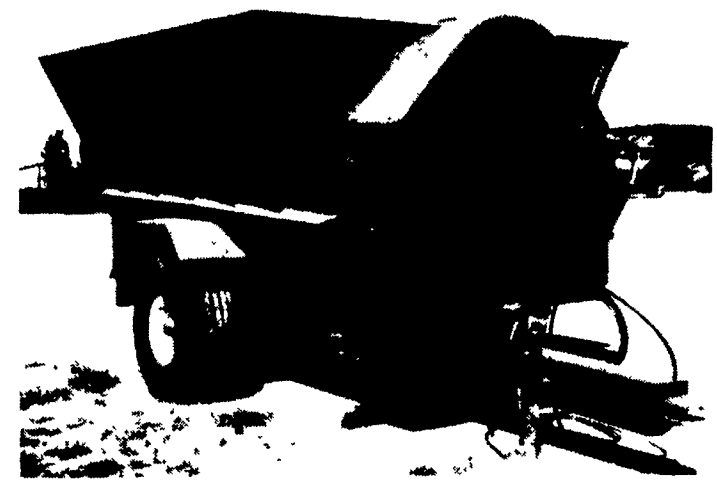

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• IH 826, 3 pt	$5,700
• IH 1206, 3 pt	$5,600
• 200 AC	$6,000
• IH 560	$3,000
• IH 806, Engine Rebuilt	$5,500
• ACXT 190	$4,900
• Ind JD 300 Tractor w/Loader and Cab, 2200 Hrs	$8,400

USED EQUIPMENT

• NH 455 Mower w/New Guards	$1,150
• Brillion Cultipackers, 10, 11, 12, Ft	
• Gehl 600 Forage Harvester	$1,600
• New Grimm Hay Tedder	$1,450
• 6500 JD Forage Blower	$850
• New NH 18 Ft Skeleton Elevator	$450

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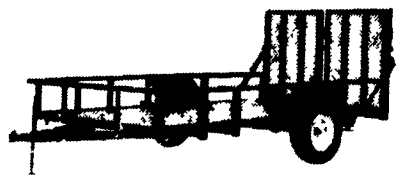
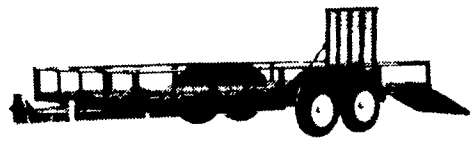
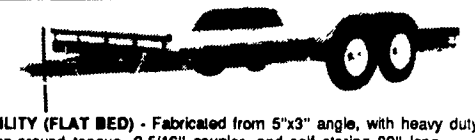


UTILITY (TILT MODEL) - Fabricated from the highest quality steel and component parts These trailers standard features include, 15' White Spoked Wheels, New tires, 2" coupler, and safety chains.
AVAILABLE SIZES: LENGTH 8 to 12 feet WIDTH 60 to 76 Inches
GVW 3,500 lbs.

Largest manufacturer of a complete line of trailers, utility, construction, and goosenecks. QUALITY, WORKMANSHIP and DESIGN are the three most obvious components in these trailers



UTILITY - Fabricated with rectangular tubing and angle, these trailers are available in most sizes to meet all your hauling requirements
AVAILABLE SIZES: LENGTH 12 to 20 feet
WIDTH 76 to 81 inches
GVW 7000-12,000 lbs TIRES 700-15 LT



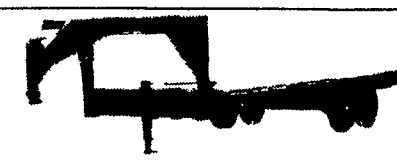
UTILITY (FLAT BED) - Fabricated from 5"x3" angle, with heavy duty wrap around tongue 2-5/16" coupler, and self storing 80" long ramps
AVAILABLE SIZES LENGTH 14 to 18 feet
WIDTH 76 to 81 inches
GVW 8000 lbs TIRES 700-15 LT

NEW 3 PT. FARM EQUIP.

- 1 & 2 Bottom Plows
- Discs 4' - 8'
- Blades 5'-8'
- Box Blades 4'-8'
- Stone Rakes 6'-8'
- Post Hole Diggers
- 1 Row Cultivators
- Dirt Scoops
- Boom Poles
- Rear Carriers
- Wood Saws
- Fertilizer Spreaders
- Concrete Mixers
- Field Cultivators
- Potato Plows
- Hay Rakes & Tedders
- Rotary Mowers 4'-7'
- 4'-6' Finish Mowers
- Bale Carriers
- Sickle Mowers
- Rototillers
- Log Splitters
- PTO Winch
- Truck Beds - 7' to 12'

Over 150 Trailers In Stock Starting At $495.00
50 Different Models Available
DEALERS WANTED

CONSTRUCTION (LOW DECK) - Fabricated from 6"x3½ " angle, 3" channel crossmembers, 5" channel heavy duty wrap-around tongue with four position adjustable hitch, diamond plate fenders, and 56" long attached ramps
AVAILABLE IN DROP-AXLE
AVAILABLE SIZES: 6'4" WIDE x 16' LONG & 81" WIDE x 18' LONG
GVW: 8000-12,000 lbs TIRES: 750-16



GOOSENECK TRAILERS - Gooseneck feature is available on Flat Bed Deck-Over Models and on Utility Models with tubular side rails All models have adjustable top crank couplers welded to heavy duty 8 channel frames Top decks are standard on Deck-Over Models
AVAILABLE SIZES. LENGTH: 18 to 28 feet
WIDTH 76 to 96 inches
GVW 12,000-18,000 lbs TIRES 750-16 LT

CONSTRUCTION (DECK-OVER) - Fabricated with 8" channel main frame, with 4" and 5" channel crossmembers All sizes have 4-foot dovetail and heavy duty 56" long attached ramps, four position pintle hook, stake pockets, rubrail and drop-leg jack
AVAILABLE SIZES LENGTH 18 to 24 feet WIDTH 8 feet
GVW. 12,000-20,000 lbs
Eight (8) lug brake axles with 750-16 tires

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- 17439 **New Holland 28 Blower Forage** Unit In Working Condition **$850**
- 17621 **New Holland 30 Blower Forage** Unit In Working Condition **$950**
- 18149 **Ohio Cart L & G** With Cover **$300**
- 14504 **Lilliston 2000 Cultivator** 4 Row Cultivator ..... **Call**
- 17871 **Suzuki GS550 Cycle** Bike In Good Condition **$650**
- 15746 **New Holland 352 Grinder Mixer** Unit In Working Condition **$1,750**
- 17307 **New Holland 355 Grinder Mixer** Unit Is Very Good, Has: Hyd. Loading, Scales ..... **Make Offer**
- 14414 **Gehl CB600 Harvester** With Pick-Up, 2-Row Crop, & Narrow Head ..... **Make Offer**
- 17599 **IH 830 Harvester** With Hay Head And Model 720-830 2 Row Cornhead (Narrow) **$4,000**
- 19085 **York 8' Pro Rake** Unit Includes Hyd Rake, Scar Bar, Blade, Etc **$1,775**
- 17876 **New Holland 479 Haybine** Unit Works **$1,100**
- 17673 **Hesston 620 Hydro Haybine SP** Diesel Eng., Header 12' **$3,750**
- 18682 **Sauder FHV20 Loader** Will Fit Ford 4000, Hyd. Controls, Front Bucket 60". **$550**
- M7758 **New 9670 Drill** **$10,500**
- 17221 **Ford 930 Mower** 48" 3 Pt Finish Mower **$650**
- 14199 **Kubota MR6000 Mower** Will Fit B6100, B7100 Tractors, Hydro Only ..... **Call**
- 19011 **T38 Mott Tow Type 38" Flail Mower** w/8 HP Engine **$750**
- 19076 **KKL60-40** 3 pt. 5' Cutter **$535**
- 19055 **Ford 917** 74" Flail Mower **$950**
- 19075 **New Holland L785 Skid Loader** w/70" Bucket w/Teeth, Ex. Cond., 1,783 Hrs., Aux. Hyd. & Boom Hyd., Weight Kit **$14,000**
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- 18072 **Woods RM48YM Mower** 48" 3 Pt. **$795**
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- 19081 **2 Bottom 12" Plow** **$175**
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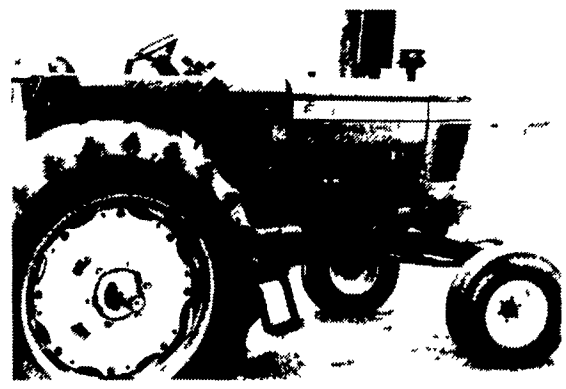
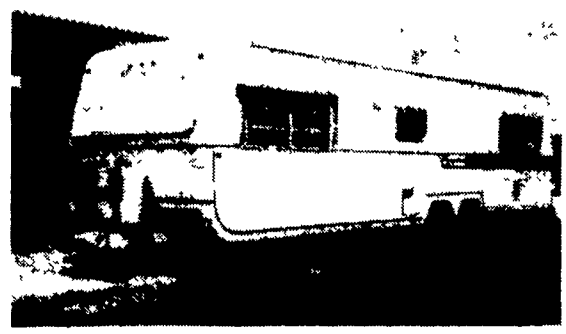
- 18375 **Sitrex 250 Seeder** 3 Pt. **$235**
- 14970 **New Demco 300 Gallon Sprayer** ..... **Super Price - Call**
- 15531 **Demco 25 Gal. Sprayer** **$395**
- 19010 **50 Gal. Mighty Mac Sprayer** w/Boom and Hand Gun **$680**
- 19065 **Mighty Mac 50 Gal.** P550T **$695**
- 19074 **ARPS Model BH80 Backhoe** w/Bucket, Like New **$3,950**
- 18907 **Vac Unit, Model 856 RH** For A B-Series Kubota, Unit Complete, 3 Pt. **$695**
- 18531 **New Holland 345L Spreader Manure** Tank Spreader, Unit Works **$550**



- 16422 **Ford 8700 Tractor** Unit Runs Good **$9,750**



- 1980 **32' Travel Trailer,** Yellowstone Country Club Model, AC & Awning, Like New **$7,750**

- New **810 Ber-Vac Cultivator** 15405 ..... **$2,750**

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- 16781 **Ford 1210HSD Tractor** Perfect Cond ..... **Call**
- 18662 **Ford 1210HSD Tractor** Like New, 109 Hrs Ford 916 Mid Mount Mower 60" (Price Incl. Mower) ..... **Call**
- 19094 **Ford 8N Tractor** 1948, 25 HP **$2,395**
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- 14336 **Ford 1910DT Tractor** Hours 985, Good Condition, With 770B-2 Loader, Ag Tires ..... **Call**
- 19066 **John Deere 820** Tractor Live PTO, PS, Remotes **$3,995**
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- 19133 **Sears 16 HP LG2 w/Mower** Model YTV16, Good Condition **$575**
- 19063 **Kubota B5100E** Tractor w/Woods 348K51 4' Belly Mower **$3,195**
- 19047 **Kubota B6000E** 2WD Tractor **$2,995**
- 18132 **Kubota B6000DT Tractor** 4 WD, PTO, 2 Cyl Tractor, Very Nice, Four Wheel Drive **$3,325**
- 17873 **Kubota B7000DT Tractor** Rebuilt Tractor, Four Wheel Drive **$3,650**
- 16535 **Kubota B6100HSE Tractor** 670 Hours, With MR4800 Mid Mower, Super Cond. **$4,950**
- 17759 **Kubota B6100HSE Tractor** Hours 634, With MR6000 Mower, S/N-10089, Super Cond. **$4,950**
- 17201 **Kubota L245DT Tractor** Four Wheel Drive, Power Steering **$5,500**
- 18930 **Kubota L245DT** with Kubota 1200 Loader, 4 WD, 870 Hrs., Ag Tires, 25 HP, New Paint, Nice Tractor **$6,875**
- 17281 **Massey Harris Pony Tractor** Tractor Works, With Plow ..... **Call**

- 17860 **Bolens G14 Tractor L & G** 14 HP With Mower & Blade ..... **Make Offer**
- 15982 **Bolens G14L Tractor L & G** 14 HP 42" Mower, Gear Drive ..... **Make Offer**
- 18119 **Bolens G14XL Tractor L & G** 14 HP Hydro With 42" Mower ..... **Make Offer**

- 19130 **Allis Chalmers L&G Tractor,** Model 917H w/48" Mower, 36" Tiller, Vac. Unit, Less Cart, Hydro Trans., Perfect **$1,650**
- 19000 **John Deere L & G Tractor,** Model 57, Real Nice **$395**
- 18091 **Ford LGT17H Tractor L & G** Hydro Trans. Hyd. Lift **$2,100**
- 17597 **Gravley 8179-KT Tractor** 118 Hours 50" Mower, Like New **$3,200**
- 17590 **Ford 540B Tractor Loader** Ind. Unit Like New, Has 125 Hours ..... **Call**
- 17843 **Ford 7500 TLB Tractor Loader Backhoe** Cab, Diesel, Power Shuttleshift, Good Condition ..... **Call**
- 18807 **Shop-Made 2 Axle Trailer** Trailer Very Good ..... **Call**
- 17760 **Chevrolet 20 Series Truck** 1974 Chevy With Shop Body **$550**
- 18204 **Kubota G3008 Vac System L & G** Fits G Series Tractors With 48" Mower **$495**
- 19071 **Danuser MD-6** Post Driver w/Storage Stand **$895**

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JD 2950, 38" rubber, excellent
JD 2940, 4 WD..... $15,500
JD 2940, 2 WD, sharp..... $13,000
JD 2840, excellent..... $9,000
JD 2640, 1980, sharp
JD 2630, Excellent..... $7,500
JD 4430, power shift, fender tractor
JD 4020, power shift, side console
JD 4020, wide SOLD $5,750
JD 3020 diesel
JD 3010 diesel
JD 430
White 2-105, cab & air
Oliver 1850 diesel..... $6,000
MF 1085 w/Cab & air..... $9,000
MF 1135..... $5,000
MF 1130..... SOLD $6,500
Int. 340 w/2 btm. plow $2,500
Int. Super M w/Wide Front
MF 124 baler w/kicker
Cat D4D w/blade..... $12,500
JD 450 w/blade..... $8,750
JD 350B Crawler Loader
JD 450 Crawler Loader
Hiniker Cab for JD 4020..... $1,000
White auto reset plow 5-18, like new
Roll guard for 2950..... $650
JD roll guard cab..... $800

Just Arrived
Gleaner FKS 1974, Nice
JD 620 Original, Nice

— Parts —
NH Rolla-Bar Rake Rubber Mt. Teeth
White 5400, 4R Planter
IH Factory Wide Front For 656, 706 or 806
Pair Flat Top Fenders
Complete 3 PTH For 706 or 806
Set Of Axle Mt. Duals For Ford 8000 or 9000 Series
IH 407 Block & Head
Pair Heavy Wedgelock 38" Wheels
IH 282 Dsl. Block & Head
Complete Gearing Out of 1256 Tractor
Second Auxiliary Valves & 3 Pt. w/Torsion Bar
Complete Rear & Fast Hitch From 560
15.5x38 Power Adjust Rims & Wheels For 560 or 656
Set of 20.8x38 Duals for 1056 or 1256
Pair of 18.4x34 Axle Mts. for 806 & 966

JD 4320 w/Cab, Excellent
1976 SOLD 9500 10 Wheeler
NI 709 Uni, 4 WD, w/Chopper & Combine
MF 750 Combine Dsl.
IH 915 Low Profile
MF 510

RAYMOND B. LEAMAN
Willow Street RD 1
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717-464-2778
Midway between Lancaster & Quarryville off Rt. 222 take Brenneman Road at Graybills Bros. Garage, Refton.

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C.J. WONSIDLER BROS.

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KHD DEUTZ ALLIS

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Rts. 309 & 100
New Tripoli, PA
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Mon.-Fri 7:30 A.M.-5:00 P.M
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Sat. 7:30 A M.-4.00 P.M

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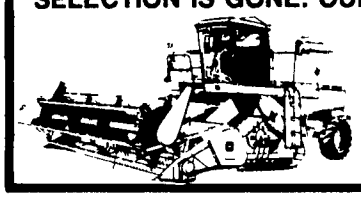
COME IN AND PICK OUT YOUR USED COMBINE EARLY BEFORE THE SELECTION IS GONE. OUR LOT HAS 10' TO 15' GRAIN HEADS & 2 TO 6-ROW CORN HEAD UNITS IN STOCK NOW.



"WE HAVE ONE FOR EVERY SIZE FARM!"

LOW PRICES & LOW FINANCE AVAILABLE

TRACTORS
AC 7050 D w/Cab, Air/Heat
AC 7030 D w/Cab, Air/Heat
AC 7000 D w/Cab, Air/Heat
AC 6080 D w/Ldr.
AC 190 D, Excellent!
AC WD
MF 135 D
NH L-445 G Skid Loader
JD 4020 D
JD 3010 D w/wide front end
JD 3010 D
JD 720
IH 1466 D, w/Cab
IH 856 D
Farmall 1066 D w/Cab
Farmall 460 D
Oliver 1550
Oliver 500 D
Ford 801D w/Loader

MANURE SPREADERS
Knight 350 PTO w/Endgate, 350 BU.
Gehl 350 w/Endgate, 300 BU.
NH 676 w/Hyd. Endgate, 320 BU.
NH 675 w/Endgate, 300 BU.
NH 519, 217 BU.
NI 245, 360 BU., Endgate
NH 518, 220 BU.
NI 214, Liq. Pan, 210 BU. A-1!
NI 218, w/Hyd. Endgate, Tandem, 300 BU.
(3) NI 213, 177 BU.
IH 550 w/Endgate, 200 BU.

COMBINES
AC Gleaner L2 D w/Cab & 16' Grain & 630 Corn Heads
(1978) AC Gleaner M2 D w/Cab, Air, 13' Grain & 430 Corn Heads
(1977) AC Gleaner F2 D w/13' Grain & 438 Corn Heads
AC Gleaner FKS D w/Cab, 13' Grain & 438 Corn Heads
AC Gleaner F w/Cab & Both Heads
JD 6600 D w/Cab & Air, 13' Grain & 630 Corn Heads
JD 3300 Cab w/Air/Heat, 10' Grain & 238 Corn Heads, EXCEL!
MF 750 D w/Cab, Air/Heat & 630 Corn Head
IH 315 w/Cab, Grain & Corn Heads
NH 975 Gas w/Cab & Both Heads
NI Uni-System 701 w/710 Power Unit, 10' Grain & 2-Row Wide Corn Heads
NI 2R Pull Type Husker w/325 Husking Bed & 329 Sheller, Excellent

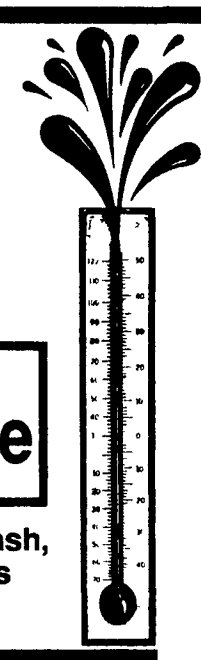
TILLAGE
Oliver 546 5B Automatic Reset Plow
JD 5B Spring Trip Plow
(2) MF 4B 3 Pt. Plow
JD 1000 12' Disc w/Trans. Harrow
IH 11' Transport Disc
JD 17 Disc Grain Drill

MISC.
Weaverline 224 Silage Cart, 30 BU., w/Automatic Charger, Rebuilt!
Weaverline 330 SS Silage Cart w/Automatic Charger, Excellent
Weaverline 330 Silage Cart, Rebuilt, LIKE NEW!
AC 500 Ldr. Fits 6060, 6070, 6080 Tractors

HAY EQUIP.
(2) NH 489 Haybine
NH 479 Haybine
MF 81 Haybine
(2) Hesston 1014 Hay Conditioner
NH 273 Baler w/kicker
NH 275 Baler w/kicker
NH 320 Baler w/wire tie
Niemeyer 17' Tedder, PTO
Kuhn 17' PTO, 4 Spinner Tedder
Grim PTO Tedder

"We Service What We Sell"

KERMIT'S SUMMER SIZZLERS
Cash & Carry Sale



• **Prices Are F.O.B., Lynnport, Pa.- Cash, No Trade. Quantities Of Sale Items Are Shown — No Rain Checks!**

New Hay Equipment & Mowers

Qty.	Item	Price (ea.)
1	John Deere 670 Hay Rake- Rubber Teeth	$2,875
2	Kuhn 452T 17' Tow Type Rotary Tedders	$2,400
1	Kuhn GF25 3 Pt. 11 Ft., Tedder/Rake	$2,600
1	New Holland 472 7' Haybine	$6,950
1	John Deere 327 Baler w/40 Ejector	$9,695
3	Bale Queen 8x18 Steel Bale Racks w/8 Ton Wagon On New 11Lx15 8 Ply Tires	$1,925
1	Little Giant 28' Tubular Bale Elevator	$675
1	Brillion 12' Flail Shredder w/4 New Imp. Tires	$5,270
3	Woods M-5 Dixie 5' Mower, 3 Pt.	$625
1	John Deere 506 3 Pt. 5' Mower	$995

Other New Equipment

	Midwest Buster Bars Or Tine Harrow	Call
1	McFarlane Flexible Tine Harrow 8'	$495
1	Pepin 12' Spike Harrow	$375
1	John Deere 425 12' Offset Disc	26" Blades
1	John Deere 712 Mulch Tiller 11'3"	$7,495
1	John Deere 215 12' Dura Cushion Disc	$6,580
1	Brillion 12'4" Cultimulcher	New Style
1	Brillion 13'4' Packer w/Transport	$2,450
1	Knowles 9' Harrow- Pull Or 3 Pt.	$725
1	Herd 750 Lb. 3 Pt. Seeder/Spreader	$645
1	Eurospand 500 Lb. 3 Pt. Spreader	$350
2	RB 6 Woods 3 Pt. 6' Blade	$305
2	RB 7 Woods 3 Pt. 7' Blade	$320
2	Arps AB150 7' 3 Pt. Blade	$335 and $395
1	6 Ft. 3 Pt. Hitch Superpan	$625
1	Pequea 3 Pt. Cordwood Saw	$575

Used Equipment

1	New Holland 78 Twine Baler	$695
1	New Holland 282 Wire Baler	$1,895
1	New Holland 269 Twine Baler	$895
1	New Holland 469 Haybine	$1,425
1	Gehl Hi Throw Blower	$650
1	New Holland 282 Twine Baler	$3,500
1	I.H. 311 5' 3 Pt. Mower	$650
1	New Holland 770 Harvester 540 PTO, Manual Controls	$2,895
1	New Holland 770N 2 Row Narrow Row Crop Head	$795
1	New Holland 36 6 Ft. Flail Chopper	$995
1	Farmall H- Runs Good	$750
1	Ford 9N's	Choice Of 2
1	New Holland 519 Manure Spreader	$1,995
1	New Holland 328 Manure Spreader	$595
1	Landoll Soil Master 5 Shank	$3,500
1	IH 710 6 Bottom Auto Reset Plow	$1,995
1	Brillion 10' Cultipacker	$595

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STITZEL FARM EQUIPMENT, INC.

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COMBINES w/Good Selection Of Heads: We have 16 late model, very nice, local, one-owner combines.

1981 NH TR85, 4WD, V8, Hydro, full equipment.

1983 MF 860 Hydro V8 motor, fully eq., low hrs., looks like new, w/rear whl. drive w/1163 C.H. & 15' flex U2, reel, like new.

M F (82) 850 4 WD Hydro w/16' Flex + 1163 C.H., 900 hrs., real nice, ~~$47,500~~ $45,500.

JD 8820 fully eq. w/Turbo Hydro w/Reverse feeder house and chopper $27,500; JD 7720 and 6620 available with 4WD.

JD '81 Model, 6620 LL, w/215 flex, real nice.

JD '81 Model 6620 LL w/216 Flex, very nice.

JD (81) 6620 Side Hill w/700 hrs., looks like new.

1976 JD 7700, real nice.

JD '81, 7720, Cab, Air, Turbo, Hydro w/220 Flex.

JD 6620 S.H., real nice, ~~$35,000~~ $33,500.

JD 6620 LL, 1 owner, nice, ~~$27,500~~ $25,500.

(75) 6600 D. Rotary Screen good.

JD 3300 gas Rotary Screen w/10' Grain

1977 JD 4400 D., C.A. w/23x26 tires, $11,500.

55 Sq. B. w/Cab-Good w/2 Heads, $3,250; 55 C.S. Sq. Back w/Cab.

IH (Used) 1460 Axial Flow - 800 Hrs., 863 C.H. & 15' grain for, ~~$38,500~~ $36,500.

MF 550 D., C.A., low hrs.

MF (76) 750 Cab, Air, Hydro

(77) IH 815 D., C.A. Hydro, 4WD w/810 Grain & 4R Corn.

IH (77) 915 D., C.A. Hydro Combine w/863 C.H.

IH D 915 C.A. Hydro w/863 & 810 Grain.

NH TR70 C.A. Hydro w/Cat Dsl.

(76) Gleaner L Corn & Soybean Special, D., C.A. Hydro w/16' Flex & 830 Corn.

IH 715 Gas w/Cab & 810 grain for $4,850; MF 300 Gas w/Cab & 2 QT Heads, good condition; IH 80 & 82 Pull Combine; ('75) 510 D. Hydro w/Cab; N H TR70 C.A. Hydro; Gleaner (76) FD. w/C.A -Nice; IH 105 w/ Cab & 10' Grain, nice; IH 205 Combine w/Cab & 10' Grain.

NI 709 Uni, CA, Hydro, 4WD; N I 702 & 705 Uni-Systems w/Full Eq.; NI 702 Uni w/727 Bed, 729A Sheller & C.H.; NI 702 D. w/727 bed & 3R C.H.; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers; NI Uni 740 Feeder House.

CORNHEADS: J.D. 843 LP, 643 LP, 643, 444 LP, 444, 443, 344, 343, 244, 243; 205 (40) 234, 435; JD 454 Row Crop Head.

IH 863; 844; 843; 833; 744; 327, 3R; 227.

AC GL 440, C440, A438 Black, A630 Black, L2, L438, M430, Gleaner C430 C.H., F335.

MF 1163, 1144, 1143, 63, 44, 33, 43, 24, 222, 422, 44—$900 & Up.

NI 846 N 6R C H.; 738, 743, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404); NH 962 4RW, 4RN, 6RN Corn Head.

NH 924, 4RW; NH 974 6R; White 706N; Oliver White 4N

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 & (2) JD 216 Flex; 213 & 215 Rigid.

I.H. 810-13' Thru 16.5' w/ Reg. or Floating.

M.F. 10'-16' Reg. or Floating Bar; A.C. E10', G15'.

N.I. 713 Flex Or Rigid.

NH 972, 20' Flex; NH 960, 13'.

TRACTORS:

J.D. New 2950 w/R.G.; JD 4650 C.A. P.S., MFWD; JD 4450 ROPS, PS, MFWD, 500 Hrs., Like New; JD 4250 C.A. P.S. MFWD; JD 2350 w/146 Ldr., 350 hrs.; JD 4840 CA PS, 18x42, 600 Hrs., One Owner; (3) JD 4840's C.A. P.S. Duals & Quick Hitch; JD 4240 C.A.P.S.; JD 4040 Fender QR 18x38; JD 4040 P.S., ROPS; JD 2940 MFWD, real nice; JD 2440 Dsl., U, original; 1977 JD 4230 C.A., Q.R., sharp, 2200 hrs.; JD 4230 Q.R., ROPS, new paint; 2940 w/R.G.; 8630 4 WD C.A.Q.R., Full EQ. w/ Duals; 4630 SR w/Cab & Air; JD 4430 C.A.Q.R., 30.8x38; JD 4430 C.A.Q.B., 20.8x38 Radials; JD 4430, QR, cab front wheel assist; 4230 C.A.Q.R.; JD 4040 PS w/R.G.; JD 4030 w/ creeper trans.; JD 2630 w/Hi-Lo; 1530 w/Hi-Lo; (70) 5020 - $5,900; 4520 w/Factory Cab; JD 4320 w/Duals, Fresh Motor; JD (8) 4020's 1964-1972; JD 4020 S.C., WFE, 2 Hydraulics, Diff. Lock; JD 4020 PS; 4020 S.C., W.F.E.; 4020 P.S., S.C., W.F.E.; 4020 w/58 Loader; JD (72) 3020 Tricycle Dsl.; JD 3020 Dsl., WF; JD 3020 D Tricycle; JD 3020 D, WFE; 2520 Dsl.; JD 3020 G.; JD 2020 Gas; JD 4520 R.G. & cooler w/30.5x32 tires; JD 4010 D. WFE, Real Nice; 4010 D w/new clutch; JD 4010 Dsl., WFE; JD 2010 Tricycle Gas; 630 Gas; JD 430 Utility w/3 pt.; JD 3010 D., Tricycle; JD 2510 Dsl ; JD 2010 Tricycle Gas; 630 Gas, 620 LP; JD 70 Tricycle.

I.H. (New) 5088 Full Eq. C.A. never used. Sale Price, $33,450, 3288 CA, 670 hrs.; 1086 CA w/Dual Whls., original; 1586 C.A. Nice; 1586 w/R.G.; IH 1086 ROPS, w/Enclosure Very Nice; IH 986 C.A. Duals, Nice; 886 w/R.G.; 1800 Hrs.; IH 686 Dsl., original; Farmall 1066 C.A., original, $8,350; IH 1066 Cab & Duals; 1568 C.A. - 1,000 Hrs., Real Nice; 1566 w/Cab; 1976 Model 1566 CA, Black Stripe; 1466 w/Cab; IH 1466 w/Cab & Duals, Original; IH 1466 C.A., as is; IH 1466 Fender, new motor, nice; F1066 C.A.; 1066 Hydro - Original, $8,350; 966 Original; F966 WFE, 3 Pt., New TA & 38" Rubber; F766 w/ Factory Cab; 766D.; IH 574 D w/2050 Ldr., Real Nice; 674 D.; 574 D. w/ Loader; IH 544 Utility Gas, Nice; Farmall 544 Gas, WF, 3 pt.; IH 444 U Gas w/IH 1501 Loader; F1456 Fender w/Duals; 1256 w/Cab, Nice; 756 G Hi-Clear; 656 Gas & Diesel; 656 D. Hi-Clear; 1206, Nice; Farmall 806 Dsl., WF, FH, 38" Tires, Nice; 706 D. - W.F.E. - 3 pt. - $5,000; F706D., WFE, 3 pt.; F504 Gas, WF, 3PT; F560 D., WF, FH; F560 D w/Fast Hitch; IH 460 U. Gas, FH, PS & Shuttle; F450 Gas, Tri., F.H.; F560 Gas; F450 D.; Farmall 200; Farmall M, real nice; Super A w/ Sickle Mower, Plow & Cultivator; Farmall Super A w/Wagner Hyd. Loader w/Blade & Plow; Super A w/Cult.

New AC 8050 C.A., P.S., rad. tires, fully eq.

A.C. New AC 6080; Used AC 6080 w/ROPS; AC 8010 C.A. 20 SP MFWD w/ Westendorf 64 Ldr.; 7040 C.A.P.S., Like New; AC 7000 C.A., PS, Original; AC 200 D original; AC 220, real nice; XT190D. w/3 pt.; AC 185 D, WFE, Sharp; AC D17 Series IV D. 3 Pt., WFE; AC D14 w/ Ldr.; AC CA, WF w/Cult.; AC WD 45.

CASE Case 1594, P. Shift, low hrs., like new; Case 2590, CA, PS, 1600 hours; 1370 C.A.P.S. Factory Duals; 2090 CAPS, $14,800; Case 930D, Standard; 930D, WF 3 pt.; 830 Gas, WF, 3 pt.; Case 730 D., WF, 3 Pt.; DB 990 Tractor D, nice; Case 995 Dsl. w/Ldr.

M.F. 1135 C.A.M.P.; 1977 MF 1135 CA, Duals; NI SOLD 5 Dsl.; (2) MF 175D; MF 165 U. Gas; MF 1130; MF 40 Industrial Loader, Gas w/Half Cab.

Ford 7700 DP w/Cab; Ford 6700 w/Dual Power & Ldr., Ford 5000 dsl., WFE, 8SP, Original; Ford 4000 Dsl., original paint; Ford 3000 Gas w/8 SP; County Super 6, 4WD w/3 pt.; Ford 600; Ford 9N.

OLIVER 1855 w/New Tires; Oliver 2050, 1950 T w/ Cab - $5,975; Oliver 1850 D., WFE, Hydro Power; 1650 D., WF w/3SP; Oliver 550.

WHITE (New) 2-65 w/F.W.D. & (New) 1730 Loader - List $29,000 Sale - $18,900.

MISC. Versatile 500, 4WD, 3 pt. & PTO; (81) Deutz DX 160 CA., Very Nice; M.M. Vista G1000; Long 460 Dsl., 4WD, w/loader.

Tractors & Equip. Just Traded:

JD 4640, CA, QR, FWD; JD 4010 D; JD 4400 Gas Combine w/Grain & 3R Corn; Oliver 5B Plow; 40' Grain Auger; JD 2800, 6B Plow; NH 974, 6R C.H., Like New; NH 56 Rake; IH w/4R 30, 3R 30 & 7' Hay PU, Real Nice; (1980) NH 1895 CA, Hydro, 4WD, Metal Detector w/3 Heads, Real Nice.

JD 3960 Chopper w/2RN C.H.; JD 3800 w/elec. controls; JD 34 Chopper w/1R C.H.; Burnt JD 3960 Chopper w/2R Corn Head; JD 38 Chopper w/ Direct Cut Head.

N.H. 892 w/Elec. Controls, 2R & Hay PU; N.H. S717; NH 782 w/heads; NH 770 w/ heads; (3) NH Super 717 w/1R C.H. $975 to $1,400; NH 707 Chopper w/1R Corn Head; NH open end hay pickup heads, 6'; NH 890 w/2 or 3R C.H.; NH 890, 2R Super Head; NH 890 direct cut head.

Fox Super D, SP Chopper w/ Cab & 3R & PU; Fox Super D w/Cab 3R C.H. & PU.

IH 720 Chopper w/2R C.H. & Hay PU SOLD Controls; IH 830 SOLD C.H.

Gehl 1200 Chopper w/Elec. Controls, 3 RW C.H. & Hay PU.; Gehl CB 1200 445 Baler w/Thrower; AC 7080 CA, 20.8x38 Duals; JD 2040; IH 584; AC 170; IH 1300 Sickle Mower; NH 718 w/2R Corn; NH 320 w/75 Ejector, REAL NICE; JD 24T w/Ejector; IH 715 D w/2 Heads; Gehl 810 Forage Box; IH 843 C.H.; MF 65 D; JD 110 Disk; JD 4420 Combine; NH 45 SOLD Mower, like new; NH 268 Baler w/ Thrower; MF 1183 Corn Head; NI 324 Picker w/12 Roll Bed; JD 12' Chisel Plow; Case 411 Utility Gas; MF 40, as is; MF 65 & 35 D; Hesston 1090 Haybine; NH 1495 Gas SP Haybine; Case 2294 C.A. P.S. 600 Hrs.; NH 3R 30" C.H.; 1983 Butler Batch Dryer.

CORNPICKERS: (5) (Used) 325-2RN w/12 Roll Husker, Shellers & Super Shellers; NI 325 w/8 Roll Bed; (4) (Used) 324-2RW w/12 Roll Huskers; Shellers & Super Shellers; (2) NI 323, 1R Picker, $2450-$2750.

New N.I. 329 Super Sheller List $6700.00, Special $3,550; N.I. 330 - 3 RN w/ Supershellers; 325 2RN w/Grinder.

PICKER: NI 319 Mtd ; IH 1PR.; MF 61, 1R Mtd.; JD 43 PTO Sheller.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.

JD 5820 C.A. Hydro 4WD Chopper.

(2) GEHL 600 w/2R.

Hesston 7020 Chopper w/1R & Hay PU.

FORAGE HEADS: N.H. 717-S Direct-Cut for 770 & S717; 890 EN-2RN Snapper; 770-1R Snapper; (3) NH 822 Silage; 1, 2, & 3R Silage; NH 880W PU; NH 880 S Direct Cut; NH 890 N3 3R Corn; Incomplete.

J.D. 1, 2 & 3R Snapper; 2 & 3 R Silage, New & Used 5½ ' Hay Pickups; JD 243 C.H. w/adapter plate; 3 JD C.H. harvester adapter plates; JD 8' Direct Cut.

I.H. 2 R.N. Silage For 550-650; IH Direct Cut Head for 650; NI 766 Hay PU.

FOX 984, 4R Silage; 2 CSB 2RW - Snapper; 263-2 RW; 109 Hay Pickup.

FLAIL CHOPPERS: (2) NH 38, like new; Used NH 38 & 36; Bearcat 72A; IH #50 4R Shredder; JD 16A; IH 60 Shredder w/End Transport, like new.

SILAGE WAGONS: JD 716 Tandem Axle w/Roof; Danco Tandem Axle w/ Roof.

HAY EQ.: BALERS: New NI 555 w/560 Thrower, List Price $12,881, Sale Price $7,500; JD 337 w/ Thrower, used 2 seasons; JD 466.

NH 315; NH 315 w/70 Thrower; NH 315 w/Thrower; NH 282 No Thrower; IH 430 w/#10 T; N.I. 456 Round; N.H. 851 Rd.; NH 846 Rd.; Hesston 5400 Round; MF 124 w/ Thrower; Vermeer 706 Round; NH 851 Rd.

RAKES: IH 35 Hyd. Drive; NH 258 & 256.

IH 14; NI 402; Deutz Fahr 4 Star Tedder; Lely 2 Star Tedder; Used Pequea 7' Tedder.

HAYBINES: (1982) NH 1495 D. C.A. Hydro, 800 Hrs.; NH 1495 D Hydro w/Half Cab; (2) 495; 489; 478; 477; 469; (2) NH 467; IH 1190; JD 1219, like new; JD 1209, IH 990; NI 509, 9', Gehl 1080 Discbine.

New MC 7E; (2) M.C. 7E, MC 9E Rotary Scythe, NI 279 Cutditioner; NI 272 Cutditioners; N.H. 1034 Stack Wagon; NH 1010 Bale Wagon; NH 1010 Bale Wagon, good condition; NH #90 Bale Mover.

PLANTERS: New NI Kinze 6R No-till, List $15,688, SALE $9,995; JD 7000, 12R Front Fold, Dry Fert. w/No-till, full equipment; (2) JD 7000, 8R 30" Liq. Fert., Full Equipment; JD 7000, 8R 30" Dry Fert., Full Equipment; JD 7000, 6R Conserv. Dry Fert.; JD 7000, 6R Dry Fert., Fully Equipped; JD 7000, 4R; (Used) 7000-6R Cons. Liquid w/No Till; 7000-4R Dry & Liquid; JD 4R Cons. w/Dry Fert. & Insect.; (2) JD 7000, 4R Dry Fert., Full Equipment; IH 800, 8RN End Transport w/Dry Fert.; IH 800, 6R Dry Fert.; IH 56, 4R; Hiniker 4R Econotill, No-till, w/ Kinze Units; IH 56, 2R Pull Type w/Dry Fert.

DRILLS: JD 8300 (Like New) 100 Acres; 21x7 D.D. w/ Soybean Att ; JD 8300, 21x7 DI SOLD ss Wheels; JD 8300 23x7; JD 8350, 23x7 w/Fert. & Seed; JD FBB 13 Hoe Drill.

IH 5100 21x7; Tye 13' No-Till; Brillion 8' & 10' Seeder; New Gandy 1011A Fert. Spreader; Brillion SS 1201 10' Transport Seeder.

GRINDERS/MIXERS: Bearcat 1250; Gehl 115; NH 352; Farmhand 850 Tandem Axle; IH 1150.

TILLAGE EQ.: PLOWS Howard 4X Para Plow; IH 541 4X 3PT Plow; JD 4X 16 Semi Mtd.; Ford 142, 4X; JD 2500 4x18 Reset; JD 4X 16" Semi Mount Plow; JD 845 4X 16" Rollover; JD 945 5X Semi Rollover; IH 720, 5X Toggle Trip; OLIVER 546- 5x16 Spring Reset; White 508, 6X Reset; JD 2700 6X Reset; JD 2800 6X Onland, Like New; I.H. 700- 6x16 Spring Reset; JD 2500 5X Reset; IH 560 6X Plow; JD 3200, 6X Reset; JD 2450, 6X On Land; Oliver 6X Reset; WHITE 549-7X Sp. Reset; IH 710, 7X Onland; (2) JD 2800S, 7X; JD 2800, 7X Onland; J.D. 7X; M.F. 6X On Land Hitch; IH 800 10X Flex Spring Reset.

CHISEL PLOWS: Brillion 10' & 11'; Ferguson 11'; New AC 1600, 12' Pull; Bush Hog 12'; I.H. 55-12'; (2) 7' 3 pt.; Bush Hog 10' w/ Buster Bar; Brillion 12'; w/ Buster Bar; Tibben 12' Auto Reset Ripper.

DISCS: Miller 14' Offset, like new; JD 215; Taylorway 16' Rock Flex, Manual Fold; Krause 1900, 22' Rock Flex Hyd. Fold; JD 230, 21' Hyd. Fold; JD 230, 24' Hydraulic Fold; IH 8' Transport; JD AW 13' Disk w/Transport & New Blades.

MULCH TILLERS: Willbeck 13'; Glenco SS18 Fold Soil Saver; Glencoe SS13 Hyd. Fold Soil Saver; Brillion 9 Shank Soil Saver; Glencoe SS7 Soil Saver.

CULTIMULCHERS: New Dunham Lehr 13' at dealers cost; JD & Brillion 10', 12', 13' & 15'; JD 10' Roller Harrow; Brillion 10' w/ Inside SOLD als.

CULTIVATORS: IH 80 2R Front Mount; IH 468, 4R Front Mt.; JD AT 40 4R Ft. Mt.; JD 2R; 4R S Tine; Lilliston 4R S Tine; McConnel 4R S Tine; McKee 4R S Tine; JD 4R Front Mount; (4) JD RG 4; JD & IH 6R 3 pt.; IH 68, 6R Front Mount; New IH 4500, 18' Vibra Shank; IH 16' Fold Vibra Shank Field; Brillion 22' Hyd. Fold Cultimulcher; IH 365, 18' S-Tine Field.

MISC: I.H. 5 & 7 Shank V-Rippers w/Gauge Wheels; Glencoe Soil-Finisher 12'9" - Like New; (2) Howard 13' Rotavator; Knowles 16' wing trans. harrow, used 4 acres.

Used 400-15'; JD 400 Rotary Hoe.

INDUSTRIAL: J.D. 840 Self Loading Scraper; Case 584 D. Fork Lift; Davis 30+4 Trencher.

SKID LOADERS: Owatonna 330 Hydro, real nice; NH L445 D Skid; NH L35; Ford CL40.

1978 Case 580C Del L, B, ROPS, Cab w/Heat, AC 715B L & B.; IH TD14, Angle Blade, $2,995.

LOADERS & BLADES J.D. 48, 58, 143, 148, IH 1850, 2000, 2050, 2350, Case IH #90 Ldr., Like New; MF 246 Loader; Artsway HD loader for 4WD, (New) J D. & I H Buckets, JD 8' Dozer Blade For 4430, Etc.; JD 155, 9' Heavy Blade w/Hydraulics

LAWN & GARDEN. (2) JD 1050s w/ Power Steering, Dual Hyd., like new, JD 950 w/P Steering R G. Dual Hydraulics, JD SOLD Dual Hydraulics, JD 850 D w/Belly mower, JD 430 D w/Mower Like New, Satoh D w/3PT Tiller, MF 205 D, Cub 185 Loboy w/Mower & 3 Pt.; Cub 184 w/Woods Mower, Cub 154 Loboy w/3PT & 60" Mower, Sea SOLD w/Ldr., 3 Pt.; Sears 24HP w/Blade & Mower; Cadet 782, Cadet 1250, 128, J D 400, (3) 318, 317, 314, 214, 212, 210, 111, AC 916, AC 620 w/3 Pt. & Mower, (New) Johnson Loader For Cub Loboy, Loader For JD 400, Kwickway Loader For Cub Loboy

New Yanmar YFL 1000 Ldr., New & Used York Rakes, Schutt 3PT Tree Digger

1975 Model Ford LTD Landau, One Owner, Fully Equipped.

ROTARY CUTTERS, Used FMC 13', JD 1408 Rotary Mower

SICKLE MOWERS. IH 100 FH Dyna Balance Mower; Ford 501 Sickle Mower, JD #10 Side Mount.

Manure Spreaders Martin V3300 Tandem Tank; Martin Scavenger II Tandem Axle, NH 367 Flail Tank, NH 363 Flail, JD 54, NI 218 Tandem Axle, JD 465 Flail; JD 44

Trailer load of (New) Kilbros Bing & Running Gears, New SOLD T Running Gear; NI 45' PTO Elevator; JD 400 Grain Cart, Real Nice; New E-Z Trail 10T Running Gear; Leon Rock Picker; New Demco 500 gal. Sprayer, Rex 400 Gallon Sprayer; Artsway 650A Wagon w/ Scales, Gehl BF190 Feed Wagon, Field Queen 1408 Side Dump Wagon; McKee 720, 84" 8 Ft. Snow Blower, (New) McKee Snow-Blower Front-Mount, JD Quick-Couplers; JD 42" Cast Wheels and Tires, I H. Flat Top Fenders For 706-1466, I H 66 Series Cabs, Ansel ROPS Cab For JD 2640, Etc., Ansel Cab w/ Air For JD 30 Series, Nice, (New) Full Vision Cabs For M F 275 & 285 Cab For Case 70 Series, Damaged IH 86 Series Cab, J D & I H Front & Rear Wts , JD 243 Corn Head w/Adaptor Plate

Ford Cabover w/Rollback, $3,850 As Is, IH 1890 w/18' Grain Dump, $4,975

Muv-All 30' Hyd Implement Trailer

J D Roll-Guards, New JD Roll Guard For 2840, 2940, Etc , Fast Hitch for 560 & 450, JD belly mowers for JD 850 & 950 etc

STRAW CHOPPERS. For J D 4400, 6600, 6620, 7700, M F 510

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CASE 1410 - Needs Motor

AC XT190, clutch, $3,950, JD 4520 w/ Cab, $6,950

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JULY SPECIALS

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JD 4020 D., P.S.	$ 5,450
JD 4010 D.	$ 4,750
JD 3020 D Tricycle	$ 4,950
JD 4620 w/Cab, Good Cond	$ 9,500
JD 2940 w/Hi-Lo, 2 Post R/G	$12,500
I H. 706 Gas, Tri., F.H.	$ 3,000
IH 706 D, WFE, 3 pt	$ 4,500
I H 1206 W F.E.	$ 5,950
Case 1976, 1370 C A P S., Duals	$ 9,750
Case 1470, 4WD	$ 4,950
COMBINES	
1973 JD 6600 D. C A w/Grain Head (Needs Work)	$ 4,750
JD 3300 G. w/Cab & 244 Corn	$ 5,400
IH '76, 915 D, Cab & Air, Turbo Hydro w/15' grain	$ 9,850
IH 815 D C A Hydro w/810 Grain	$ 8,850
M F 510 Diesel w/Cab & Q.T Grain	$ 4,400
TILLAGE EQ.	
JD 230, 22' Hyd Fold Disk	$ 2,900
JD 2800, 7B Reset Onland Hitch	$ 5,900
Ford 142, 6x Spring Reset Plow	$ 1,500
IH 700 6x Spring Reset	$ 1,975
MISC.	
IH 400, 6R Liq Planter	$ 875
JD 7000, 4R 36" Plate w/Full Equipment	$ 2,500
JD 7000, 6R Liq. w/No-Till	$ 4,950
JD 7000, 4R 30" Liq	$ 3,000
New JD 8300, 16x10 DD Drill	$ 3,500

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• Kubota L-235 w/Mower SALE
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Tractor - Was $4,500 ..... $3,900

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JD 4640, cab, air, power shift
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JD 4030 w/4 post
JD 4230 fender tractor
JD 2950, 175 hrs., like new
JD 2510
JD 2510 diesel, power shift
JD 2940, 4WD
JD 2940
JD 2750, 200 hrs.
JD 2640
JD 2440
JD 2510 Gas
JD 2350
JD 2150 w/loader
JD 2150
JD 4020
New JD 950
New JD 750, 4WD
IH 3288 w/500 hrs.
IH 1086, cab & air
IH 1066, cab & air
IH 686, gas, 1,200 hrs.
IH 140 w/cultivator
IH 766
IH 826 diesel
IH 884, like new
Ford 5000 Gas
Ford 4610, like new, 690 hrs.
Ford 4000 SU
Ford 3400 w/loader
Ford 2600 w/800 hrs.
Ford 2000
Ford 3000
AC 210 diesel
MF 265 w/loader
MF 255 w/loader
MF 235
Kubota 305 DT, 4WD w/loader, 600 hrs.

JD 2750 Special
High Clearance, 4WD, Like New

INDUSTRIAL

MF 200 crawler loader
JD 400 TLB
1979 IH dump truck w/DT466, new 5 to 7 yard dump body
Int. 7000 forklift
MF 40B forklift
Gehl 4510 skid steer
New Gehl 360 skid steer loader
JD 310A backhoe w/cab
Ford 420 backhoe w/cab
Ford 3400 backhoe

USED PLOWS

Int. 5 btm. 16" spring reset plow
White 6 btm. 16" plow
Int. 4 btm. rollover
Large selection of 3 to 7 btm. plows

USED COMBINES

244 JD corn heads
444 JD corn heads
443 & 643 corn heads
MF 540 combine, used 1100 hrs.
JD 4400 diesel, rotary screen
JD 4420, like new

USED PLANTERS

JD 7000 4 row liquid, conservation

Used Moore no-till grain drill

JD 1240 plate planter, like new
New Woods 315 Bat Wing mower
New Woods 12' Bat Wing

USED HARVESTERS

Fox Flail Head
Gehl Flail Head
Fox Custom 90
Field Queen 3 row wide corn head

HAY EQUIPMENT

JD 337 w/thrower, new
JD 327 baler, like new
JD 336 baler, sharp
New JD 327 baler
NH 489 9' haybine
NH 478 7' haybine
JD 1207 7' haybine
IH 7' haybine, like new
NH 1033 bale wagon

MISCELLANEOUS

Large selection of smaller discs
NI 2 row narrow, 12 roll bed
NI Super Sheller, like new
NI 323 1 row picker
NI 2 row wide, 12 roll bed
Kewanee hydraulic fold 21' disc
JD 14' plowing disc
Moridge grain dryer, 400 bu.
1977 C65 Chevy w/22' body
1980 Ford 350 rollback, 15' alum. body
4 row Danish tine cultivator

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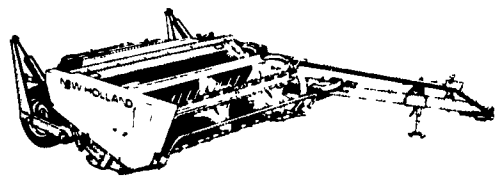
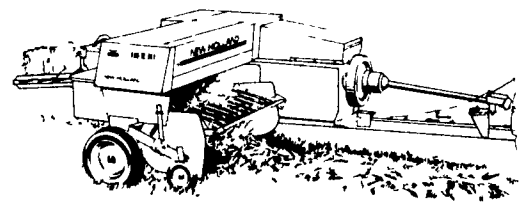


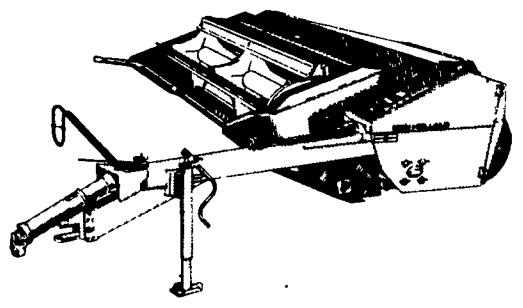
#1 in the field.

Come in and see the industry standard New Holland Haybine® mower-conditioners. No plugging, less down time. See us today.



Let's deal!

If you're worried about your old 14" x 18" baler, come on in and let's deal on a new one. The New Holland Model 316 baler is known for its reliability and capacity. It makes dense, uniform bales, features a wide Super Sweep pickup and the most reliable knotter in the business. Stop in and ___ let's deal!



See it in action!

We have this New Holland Model 489 Haybine® mower conditioner in stock and we're ready to give you a demonstration. A nine foot cut, thorough conditioning and a header suspension system that glides over rocks and other hazards to keep you on the go. Come in today.

We can save you time and work.

Don't take chances on a breakdown in the middle of your harvest. See us today about replacing that old worn out round baler with a Model 848. It features a roll floor design for sure, fast core formation and increased base density. The 848 makes bales four feet wide and up to 4½ feet in diameter with a bale weight of 850 pounds. Choose one of four tying methods: manual, hydraulic, electric or Memory Wrap™ with Bale Command™. See us today.

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USED EQUIPMENT

Stock #	USED HAY & FORAGE
UB0034	NH 495 (12 ft) Haybine w/Lat. Trans.
UB0185	NH 495 (12 ft) Haybine w/Lat. Trans.
	NH 1495 Haybine, Hydro, Cab, 675 Hours
UB0193	NH 320 Baler w/70 Thrower
UB0197	NH 469 (9 ft) Haybine (As Is)
UB0177	NH 479 (9 ft) Haybine (As Is)
	NH 479 9 Ft. Haybine w/New Rolls-Call For Price
UB0205	NH 770 Harvester w/New Knives w/2 Row 30" Head & 717 W Pickup Head
UB0211	NH 890 Harvester w/880 W Pickup & 2 Row 30" Head
UN0218	JD 35 Harvester w/Hay Pickup (As Is)
UB0173	NH S717 Harvester w/Row Head & 717W Pickup Head
UB0222	NH 27 Forage Blower
UB0195	Gehl 99 Forage Blower (Less PTO Shaft) (As Is)
UA0040	NH 880R-2 2 Row Wide Head
UB0213	NH 880 N-2 2 Row Narrow Head
UA0030	NH 717R 1 Row Corn Head
	MANURE SPREADERS
UC0061	NI 244 (325 Bu.) Manure Spreader w/Hyd Gate
UC0062	NI 245 (375 Bu.) Manure Spreader w/Hyd Gate
UC1000	NI 213 (176 Bu.) Manure Spreader w/ Single Beater
UC0047	NH 667 Tank Spreader RH
	UNI EQUIPMENT
UA0012	NI 760 Uni Harvester (As Is)
UA0055	NI 766 Uni Pickup
UA0066	NI 766 Uni Pickup
UA0011	NI 766 Uni Pickup
UA0056	NI 763 Uni Corn Head (3 Row 30")
UA0013	NI 762 Uni Corn Head (2 Row 38")
	MISC. EQUIPMENT
UC0055	NH L778 Skid Loader w/(New Engine)
UA3000	MF 13 ft. Grain Head Fits 300
UA0042	MF 322 Corn Head (3 Row Wide)
UA0043	
UA0044	2 MF 24 Corn Head (2 Row Wide)
UA1111	MF 222 Corn Head (2 Row Wide)
UA0010	MF 300 Combine w/Cab (Needs Motor Work)
	AC 7020 Tractor w/Power Shift, Approx 1500 Hours

COMING IN...
NH 1469 Self Propelled Haybine, Nice

JUST TRADED...
NH 326 Baler w/70 Thrower
Badger BN165 Round Baler
Gleaner K Combine w/13 Ft. Head
NH 782 Harvester w/Grass & Hay Head

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JD 855 2 & 4 WD
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JD 750, 4WD
JD 850, 4WD
JD 1050, 4WD
JD 900 HC

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JD 1010 Field Cult.
JD 710 Mulch Tiller, 6'3"
JD 415 Rotary Hoe
JD 3B Plow
JD 710 8'9" Mulch Tiller

OTHER EQUIPMENT
JD 716A FG. Wagon
JD 175 & 260 Loader
JD 503 & 603 Rotary Cutter
JD 450 Spreader
Akey M90P Spreader

PLANTING EQUIPMENT
JD 7000 Cons. Pltr. 6R
JD 8300, 21x7 Grain Drill
JD 7200, 4R Vacuum Planter
JD 7200, 6R Vacuum Planter

USED EQUIPMENT
JD 4400 Combine w/13' Platform & 443 Corn Head
JD 4040 Tractor w/Roll Guard
JD 7000, Conservation 6R Planter, Dry Fert., Dual Rate Monitor
NH 310 Baler w/Thrower
NH 311 Baler w/Thrower
JD 215 Disk Harrow, 14'3"

HAY TOOLS
JD 338 Baler
JD 3950 Forage Harvester
JD 662 Rake
JD 670 Rake

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We specialize in IH tractors but we also have Case, Oliver, White and Massey tractors in our inventory.

Recent Additions To Parts:
IH 966, 544, 340, 706-D, Super M, 806
JD 4430, 730 gas, 3020-D, 4320
MF 1100
Oliver 550 diesel
AC 5040, 6080, WC
Loaders - IH 1701, AC to fit 6080

COMBINES

Selling for owner, late '84 JD 6620 hydro, 565 hours, 28" rubber, monitor, chopper with 220 flex head, absolutely like new

Available - IH 715, '76 model, German engine, variable speed, 15', 810 head, 843 corn head, 1,600 original hours, sheded and sharp

Available - IH 915 low profile, diesel, hydro, air, good condition, 1,900 hours

USED TRACTORS.

IH 856, gas, WFE, 18.4x38 tires, dual hydraulic, dual PTO, good solid tractor

Farmall 400 Wheatland tractor on steel for collectors or belt power

Farmall Super M, very nice condition, low hours since overhaul

IH 966 Cab and air, WFE, 3 pt., good solid tractor

IH 1066 fender tractor, new TA & clutch, 85% rubber

IH 986 cab and air, SOLD 0 hrs., 18.4x38 tires, recent engine overhaul, good condition

IH 826 diesel, WFE, dual shaft, rebuilt TA, dual hydraulics, good condition

IH 966, black stri, SOLD w TA, nice tractor

Koyker K7 Loader to fit 66 or 86 series IH Tractor super heavy duty came off of 1586

Delivery Available Anywhere

TRACTORS

Farmall 560 diesel, real good
Farmall 450 gas, PS, fast hitch, w/belt pulley, good
IHC w/WFE
Farmall 230, fast hitch w/cult.

BALERS FOR PARTS

Bale Throwers For Parts
Case 200, 230
Oliver 62T, 620
NH 66, 67, 68, 69, 78, 269
JD 14T, 24T
IH 27, 37, 45, 46, 47, 56, 430

HAY EQUIPMENT

Gehl 770, 7' Haybine
36' Speed King elevator
AC haybine for parts
IH #299 Haybine
NH 256 hay rake, rubber teeth $1300
JD 640 hay rake, dolly whls., new paint $1050
NI 400 hay rake $675
NH 261 & 269 Haybines, Parts

BALERS

JD 24T w/Thrower
NH 68 w/Chute
NH 67 w/Chute
NH 273 super sweep pickup w/chute
NH 276, ss pickup, w/#58 thrower
NH 272 w/thrower
Oliver 520, ss pickup, w/thrower, nice
NH 68 w/thrower

MISCELLANEOUS

IH 2R Front Mt. Cultivator for 300 to 450
Farmall C Cultivator
PTO Assemblies For Balers
IH 51 forage wagon w/JD gear
IH 461, 4R Front Mt. Cult., Spring Shank
2 Gravity Bin Wagons w/gears
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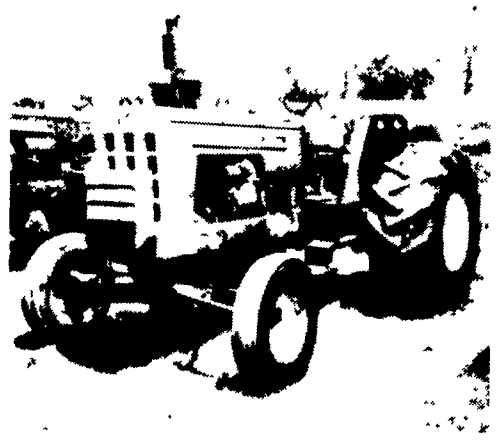
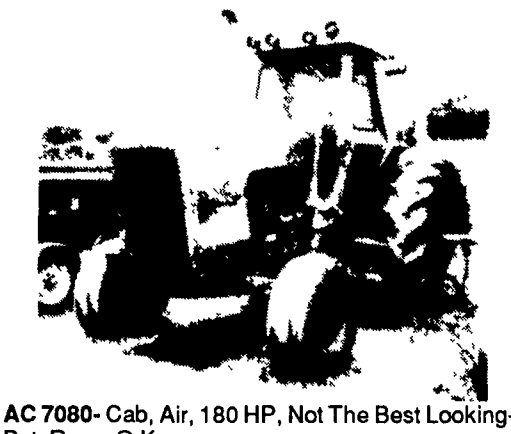


OLIVER 1900- GM Diesel, 3 Pt., Front Weights, Original Paint, New Seats, P Steering, Big Rubber, Operating Condition. Good Collector or User Tractor, Especially at This Price.
$3,900



AC 7080- Cab, Air, 180 HP, Not The Best Looking- But Runs O.K.
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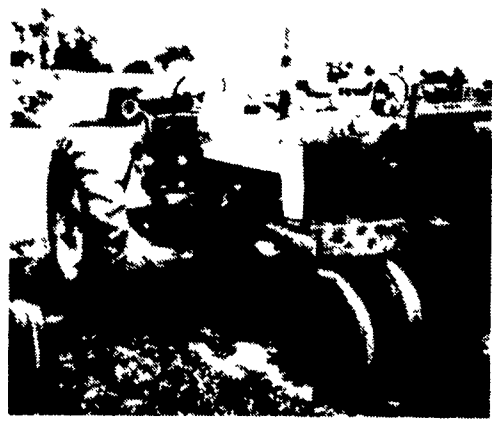

JD 530- Factory 3 Point, Power Steering, Local Tractor, Front Weights
$2,900

AC 180 Diesel- Rear Weights, 2 Valves, 3 Pt., Toplink, Good Original Paint, Fair Tires, Runs Out Good.
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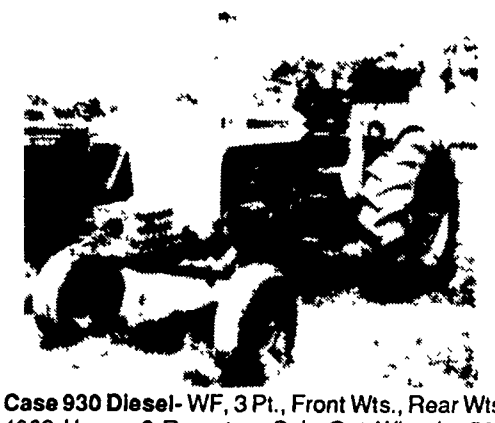

Case 930 Diesel- WF, 3 Pt., Front Wts., Rear Wts., 4963 Hours, 2 Remotes, Spin Out Wheels, 50% Rubber, New Seats, Good Original Paint, Checks Out O.K
$4,400

NEW 3 PT. SCRAPER BLADES

6' 3 Pt HD	$195
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7' 3 Pt Monster Duty	$695
8' 3 Pt Monster Duty	$795

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4'	$450
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6'	$495
7'	$595
8'	$595

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L With Cult	$1900
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520-PS	$2650
JD 530-3 Pt	$2900
40-WF-3 Pt - Nice	$2900
720 Diesel-WF 3 Pt	$2950
JD 730-Diesel-DE-3 Pt	$3500
(2) 830 Standard	$3500 to $4500
320-WF 3 Pt - Nice	$3900
520 WF-3 Pt - Nice	$3900
430-1 Row-Cult -PS	$3900
2510 With Loader	$4500
2030-Diesel	$4500
80-Standard	$4500
330-WF-3 Pt	$6500
4230-1974-WF 3 Pt	$7500
950-Diesel-Demo	$7500
2040 Tiger Stripe	$7900
820 Standard	$8500
830 Standard	$9500
2640 Tiger Stripe-1982	$9800
(3) 620-Gas	Coming In
5020 Diesel	Coming In

ALLIS CHALMERS

190XT-Cab-Diesel	$3900
180 Diesel-WF-3 Pt	$5900
7080-Cab	$6800

FORD

LGT 125 w/Mower	$800
8N-WF-3 Pt	$2800

CASE

930CK-WF-3 Pt	$4400
1470-Cab-3PT-4WD	$5000

FARMALL

Super C	$1400
Cub w/Flail Mower	$1800
AV w/Cultivators	$1900
(2) Super C-Fast Hitch	$1900
Cub w/Flail Mower	$1900
Cub Low Boy w/Mower & Blade	$1900
Cub-Late Style	$1900
Super C-Fast Hitch	$2350
Cub w/Rotary Mower	$2500
Cub Low Boy-FH-Mower	$2500
Cub Low Boy w/Rotary Mower	$2500
Super A w/Cultivators	$2900
Cub w/Mower-Late Style	$2900
140 w/Mower	$3900
886-1976-WF-3 Pt	$5900
1206 Diesel-WF-3 Pt	$6900

MASSEY FERGUSON

40-WF-3 Pt -RCP	$3900
235 Diesel	$3900
165-Gas-Nice	$5900
1030-4WD-Demo-1986	$7450
1155-Cab-New Clutch-1975	$7900
1150-Cab-New Overhaul-1972	$7900
1080 Diesel	Coming In
165-Gas	Coming In

OLIVER

MM 110 Hydro w/Mower	$800
(2) 70-Gas	$1000 to $1750
Super 88 Diesel	$2000
770 Diesel-WF	$2350
1900 GM-WF-3 Pt	$3900
MM G950-Diesel-WF-3 Pt	$3900
1750 Diesel-WF-3 Pt	$3900
1950 GM-WF-3 Pt	$5400
4-150, Cab-Duals-3 Pt-PTO	$10,500

OTHER NAME BRANDS

Power King w/Mower	$3250
Kubota B7100 HST w/Mower	$4950
Kubota 7100-4WD-Loader	$5450
IMT 539-WF-3 Pt Demo	$6900
Kubota L275-4WD-Mower	$8800
Long 460-4WD-New	$10,800
Steiger Bearcat II Cab-Duals	Call

NEW ROTARY MOWERS

4' 3 Pt HD	$495
5' 3 Pt HD	$495
4' Pull HD	$595
5' Pull HD	$695
6' 3 Pt HD	$795
6' Pull HD	$895
4' 3 Pt. Estate Mower	$1095
5' 3 Pt Estate Mower	$1095
6' 3 Pt Estate Mower	$1195
7' 3 Pt. Estate Mower	$1295
7' 3 Pt HD	$1495
7' Pull-HD	$1595

NEW 3 PT. POST HOLE DIGGERS

Your Choice 6", 9", 12" Augers $495

NEW 3 PT. DISC'S

5½' Combination Blades	$495
6½' Combination Blades	$550

NEW ROTARY TILLERS

52"	$1275
58"	$1275
74"	$1475

NEW CORNSHELLERS

3 Pt Economy	$795
3 Pt. Standard	$1395
Pull Standard	$1495
3 Pt. Deluxe	$1695
Pull Deluxe	$1795

OTHER NEW 3 PT. TOOLS

Round Bale Feeder	$145
3 Pt 1 Row Cultivator	$150
3 Pt Seeders- Broadcasters	$350
3 Pt Woodsaws	$495
3 Pt Wheel Rakes	$495
2x14" 3 Pt. Plow	$595
5' 3 Pt Aerator	$695
3 Pt 12 Cu Ft Cement Mixers	$695
9' Hay Tedders- 3 Pt	$895
9' Hay Tedders- Pull	$895
3 Pt 1 Row Potato Diggers	$1495
3 Pt Sickle Bar Mowers	$1695

NEW 3 PT. YARD RAKES

4'	$395	7'	$550
5'	$450	8'	$595
6'	$495		

MACHINERY

Cultipacker	$95
2X Spike Harrow	$95
IH Cub Rotary Mower	$100
8' 3 Pt Scraper Blade	$175
5 3 Pt Rotary Mower	$195
JD Hammermill	$195
IH 2 Row FH Planter	$195
Ferguson Sickle Mower	$195
(3) 4X Rotary Hoes	$295-$595
(2) Mechanical 1x3 Pt Transplanter	$395-$495
Skeleton Elevator	$295
JD 3x14" Pull Plow-24' Long	$295
18 4x34 Snap On Duals	$295
2 Row 3 Pt Cultivator	$295
IH Super C 2X Cult w/FH	$295
Ferguson 3 Pt Sickle Mower	$295
Ford 1x3 Pt Plow	$395
JD 290 2X Pull Planter	$395
IH Cub Snow Blade	$450
IH Cub Lowboy Snow Blade	$450
Loader For IH Cub	$450
Ford 2x3 Pt Plow	$495
IH FH Sickle Bar Mower	$495
(5) 3 Pt Field Cultivators	$495-$795
IH 1 Row Potato Digger	$595
JD 3x3 Pt 16" Plow	$595
JD 43 Cornsheller	$595
IH 2X FH Trip Plow	$595
(4) 3 Pt Tree Planter	$695 to $1800
JD 100 3 Pt. Disc-8'	$695
3PT Snow Blower	$695
JD 3x3 Pt. F125 Plow	$695
JD 1 Shank Pull Subsoiler	$695
(2) NI 10' Lime Drill	Each $695
3 Pt Post Driver	$750
MF 3 Pt Sickle Bar-Dyna Balance	$795
IH 14' Wheel Disc	$795
Oliver 10' Wheel Disc	$875
IH 3 Pt Sickle Bar-Dyna Balance	$895
Shultz PTO Spreader	$895
MC Flail Chopper	$895
JD F145 4X Plow	$895
JD RG-4x3 Pt Cult	$895
IH 53 4-Row 3 Pt Cult	$895
IH 4X Semi Plow	$895
Ford 515 3 Pt Sickle Bar-Dyna Balance	$895
Howard 11' 3 Pt Rotovator	$895
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JD 894A Hay Rake	$1150
JD 1240 Plateless Planter	$1200
NI 17 Spreader-Nice	$1250
NI Hay Rake	$1250
Loader Off IH 300	$1250
IH 3X Reset Plow	$1350
IH 4x Frt Mtd Cult	$1500
IH 710 5X Plow	$1600
JD 1450 4x18" Plow	$1600
Papec Self Unloading Wagon	$1650
Brillion 6X 3 Pt Cultivator	$1650
JD RM4 Cultivator	$1695
NH 451 3 Pt Sickle Bar Dyna Balance	$1695
Shultz 12' Mower	$2800
JD 1520 Wheel Disc-16' w/Rake	$2850
White 348 3x16 Reset Plow-New	$3000
JD 750 Feed Mill	$4000

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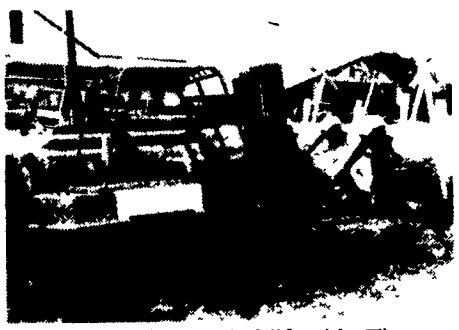


TCM 6000 Lb. Forklift, Air Tires **$6,900**

Cat 955L— **$29,500**

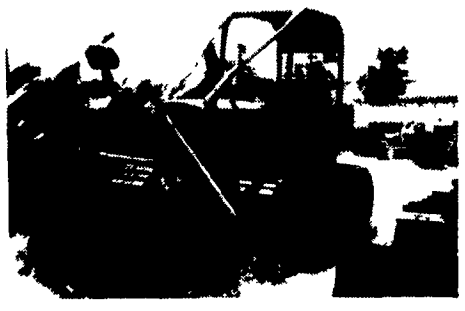
(2) Cat 933— **$10,500** each

Cat 951B— **$19,500**

(2) Cat 951C's— **$22,500** each

(2) Cat 931's— **$19,500** each

Cat D4D Powershift Dozers
Choose From 2
$20,000
Also Direct Drive- **$14,500**



JD 450 Dozers
Choose From 4
1973's- **$12,500**
(1) With hoe- **$14,500**
(1) With 6 Way- **$18,500**
(1) With 6 Way- **$22,500**

JD 450 Crawler Loader Backhoes
Choose From 9
$14,500 to $19,500

JD 450 Crawler Loader
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Choice Of 4

JD 555 Crawler Loaders Choose From 4
With Cab- **$24,500 or $27,500** w/ Hoe

CONSTRUCTION EQUIPMENT

(46) CRAWLER LOADERS

Oliver HG.....$2500
Oliver OC3.....$3000
JD 2010.....$3900
JD 440.....$4900
AC HD5.....$5900
(2) AC HD6.....$5900
JD 350.....$6900
(3) JD 350..$9500 to $10,500
(2) Cat 933F.....$10,500
(4) JD 450.... $11,500-$12,500
AC 655-4 in 1.....$11,750
AC H4 w/Hoe.....$11,500
(3) JD 350 w/Hoe.....$14,500
(9) 450 w/ Hoe.. $14,500-$19,500
Komatsu D31-Cab.....$18,500
Cat 951B.....$19,500
Case 450B.....$19,500
(2) Cat 931-Cab.....$19,500
(2) Cat 951C-Cab.....$22,500
IH 175C.....$24,500
Case 1150B.....$25,000
JD 755 Cab.....$26,500
(4) JD 555-Cab-Hoe.....$27,500
Cat 955L.....$29,500

(5) LOG SKIDDERS

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JD 540.....$9500
Timberjack 230...$16,500
JD 540B Grapple$16,500
JD 640.....$22,500

(14) FORKLIFTS

Yale 2000 Lb.....$2900
Oliver 550-RT.....$4000
AC 5000 Lb.....$4900
White 4000 lb.....$4900
AC 4000 lb.....$6900
TCM-6000 Lb.....$6900
Baker 4000 Lb.....$7900
Komatsu 5000 Lb. $7900
Yale 5000 Lb.....$7900
Ford 28'-RT.....$8900
IH 5421-21'.....$8900
AC 1600-21'.....$10,900
Skytrack.....$13,500
Cat 12 Ton.....$17,900

NEW 1988 TRAILERS ON SPECIAL

- 2 Axle, 5 Ton, 14 Ft. $1,695
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(7) TRUCKS

1977 Chevy Step Van.....$2900
1978 Chev, Window Van.....$4,000
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1964 Mack Dump.$4,900
(3) 1981 GMC Tandem Rollbacks.....$32,500

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(100+) Used Hoe Buckets..Come Look
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(30) Set Forklift Forks.....Come Look
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Ripper For Cat 933.....$1500
(4) Tree Planter.... $695-$1800
(4) Winch Attach... $1000-$3750
1 Ton Roller.....$2500
(3) JD Hoe Attach... $2500-$4500
(2) Joy Air Compressor.....$2500
Tree Shearer.....$2900
Huber 3-5 Ton Roller.....$2900
Davis D100 Hoe Attach.....$3000
MF Hoe Attach.....$3000
8' Sheepsfoot.....$3900
Huber Maintainer..$3900
Pull Type Sweeper$3900
Long 1199A Hoe Attach.....$3900
(2) Wood Chopper$3900
Kelly 3 Pt. Hoe.....$4350
Case 450 Hoe Attach.....$4500
Prentice 100 Log Loader.....$5900
AC D Grader.....$5900
Diesel Wood Chopper.....$6900
Huber Maintainer.....$7900
Wayne Stump Grinder.....$8900
JD 760 Scraper..$18,500

(17) RUBBER TIRED LOADERS

Hough 50C.....$3900
Davis Articulated..$4900
Case W7.....$4900
Michigan 55-Cab.....$5900
Trojan-Cab.....$6900
IH 500.....$6900
Case W14.....$6900
Hough 50C-Cab.....$7900
Hough 60 Cab.....$8500
Waldon w/Hoe....$10,500
Ford A62.....$16,500
JD 544.....$19,500
Case 730.....$22,500
Cat 910.....$23,500
JD 544B.....$28,500
Michigan 45C.....$30,000
JD 644B.....$34,500

(26) DOZERS

McCormick T20.....$2500
Cat D2.....$2900
Oliver HG.....$3500
JD 440.....$3900
IH T5-6 Way.....$3900
JD 350.....$5900
IH TD9-92.....$6900
(2) Case 450.....$6900
IH 500 C-6 Way.....$7900
JD 350 6 Way....$12,500
JD 450.....$12,500
(2) JD 350B-6 Way..... Each $14,500
Cat D4D.....$14,500
Komatsu D30 Cab.....$14,500
JD 450 w/ Hoe.....$14,500
Cat D3-6 Way.....$18,500
JD 450-6 Way.....$18,500
(2) Cat D4D.....$20,000
Cat D3-6 Way.....$21,500
Case 850B-6 Way.....$22,500
JD 450- 6 Way-Cab.....$22,500
Cat D6C.....$26,500
Case 1150C-Cab-Ripper.....$34,500

(15) TRAILERS

1X Tag-A-Long.....$1250
1988 2 Axle 5 Ton..... $1695—$1795
15 Ton Tag-A-Long.....$3900
1986-12 Ton.....$5800
25 Ton Lowboy.....$7900
1980 Phelan 25 Ton.....$8900

(14) TRACTORS WITH LOADERS

Case 530.....$2900
IH 2500.....$3500
MF 35.....$3900
MF 202.....$4500
White 2-63.....$4900
Kubota B7100 4WD$5450
White 2-44.....$5900
MF 40.....$6900
IH 2400B.....$6900
IH 2500A.....$6900
Ford 2110.....$6900
Ford 3400.....$6900
IH 260A.....$8900
Ford 335.....$9500

(9) SKID STEER LOADERS

JD 170.....$2900
Case 1816.....$3500
Case 1845 Diesel..$4450
NH L555 Diesel.....$4500
(2) Clark 533.....$6500
Melroe 731 Diesel.$6900
Case 1835 Diesel..$9900
Case 1835B.....$10,900

(30) BACKHOES

IH 2504.....$2900
MF 3165.....$4900
IH 3514.....$4900
MF 204.....$5900
JD 300.....$6900
IH 3800-4WD.....$7500
JD 500C.....$8000
MF 20.....$8900
JD 300.....$8900
MF 2200.....$8900
IH 3500.....$8900
MF 40.....$8900
Case 580B.....$9500
JD 310.....$10,500
Kubota L275-4WD.....$11,500
(3) Case 580B....$12,500
IH 260.....$13,500
Ford 420.....$14,500
Case 480C.....$14,500
(3) JD 410's . $15,500-$16,500
JD 310A.....$16,500
Long 5 in 1.....$17,500
JD 510.....$17,500
JD 690B Excavator.....$35,000
(2) AC 715.....Call

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(1) 283 New Holland Baler w/Thrower
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(1) Deutz/Allis 250 Rake/Tedder (Used 1 Season)
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(1) New Idea, 2 Row (N) Super Picker/Sheller
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(1) Oliver 1850 Tractor (4 Wheel Drive) Special Price
(1) Farmall Cub Tractor
(1) New Idea 2 Row (N) Corn Picker (Like New)

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Cub w/Mott Mower Real Nice
Cub Lo-Boy w/Mott Mower
Cub w/60" Deck
Farmall Cub w/Gang Mower
154 Lo boy w/60" Mower
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David Brown 990 - Fair Cond
Cub Equipment - Plow, Cult., Disc, Etc
Massey Harris Model 30

TILLAGE:
IH 480 DH Manual Folding, 20'6" Disc $2 800
Pittsburg 11'6" Disk
IH 37, 35 In Various Sizes
IH 3 Pt Hitch 2-Bot. Plow
IH 13 Ft. Trailing Chisel Plow
IH 11 Ft. 2 Rank Chisel Plow
IH 6013 13 Ft Consertil- Like New
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IH 78 Front Mtd 4-Row Cultivator w/Quick Attach, For IH 66 Series
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Vicon 10' Power Harrow, $950
Dunham Lehr 12' Packer Mulcher- Poor Cond
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Rhino 118, 15' 10 D[SOLD] Harrow w/9" Front Gang & 7½ "[SOLD] Gang - 1 year old!

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IH 227 CH, fits 315, 205 or 203
IH 205 w/10 ft Platform, $3,000
IH 844 Cornhead - $2,500
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MF 1144 4 Row Wide CH, $4,250
744 Wide Cornhead for 715, Ex Cond
743 N Cornhead for 815, Ex Cond

COMBINES & EQUIP. FOR PARTS:
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IH 700 13 Platform
IH 550 Chopper (Parts)
400 6R Cyclos- Parts or Field Use
IH 455 & 656 Planters

PLANTERS:
IH 56 4 Row Planter
IH 2 Row Fast Hitch
IH 658 6 Row Narrow Dry Fert
IH 3 Pt Hitch Rotary Hoe, 15 Ft Folding
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JD 1240 Plateless, 30", Liq
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JD 17x7 SD, Fert, Good Cond
JD FBB 17x7 DD
JD FBB 15x7 SD
Oliver 76 18x7 SD Grain Drill
Oliver 76 13x7 SD Grain Drill, Fertilizer Good!

JD 7000 6-Row Planter, 30", Dry Fert And Insecticide, Field Ready- $6,000 Owner Will Demonstrate

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NH No 26 Blower
(2) NH No 27 Blowers
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower
550 IH Chopper (Parts)
1014 Hesston Mower Cond (Make Offer!)
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JD 24T Baler w/Kicker- $1,025
NH 69 Baler w/o Thrower
IH 27 Baler - Real Nice
IH 35 H[SOLD]e Rake
IH Direct Cut Head For 15 or 16 Chopper Fox Blower
JD 1209 Mower Cond, 9 Ft - $3,700
Pittsburg 3 pt Wheel Rake- $650

OUTDOOR POWER EQUIP.-
Cub Cadet 108 Mower
Cub Cadet 105 w/Mower
Cub Cadet 782- Real Nice Shape!
Cub Cadet 982, 20 Hp, w/50" Mower-Rental, $3,200
JD 110 w/Mower
(2) JD 210 w/Mowers, Nice Shape
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Grasshopper 1822 Gas, With or Without Bagger
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Toro Professional 76 w/3 New Extra Reels

Good Selection of Used Cub Cadets In Stock

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Howard Rotovator, 54", 3 pt Hitch, Hvy Duty, $850!
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USED EQUIPMENT

1984 IH 1480 axial flow combine w/1,400 hrs., 6 row narrow corn head, 17½ ' flex platform

JD 4030 tractor, quad range & 2 post roll guard
JD 4520 tractor
JD 1209 mower conditioner
Knight 350 soup er Solid manure spreader, tandem axle, very good condition
2 row Champion potato harvester w/ motor
JD 125 skid loader
Woods C80 pull type rotary mower
JD 896 parallel bar rake
JD 125 chuck wagon on 1065 running gear
JD 240 disc mower
AC model B w/starter, lights, hyd., belt pulley & PTO w/plow & cultivator

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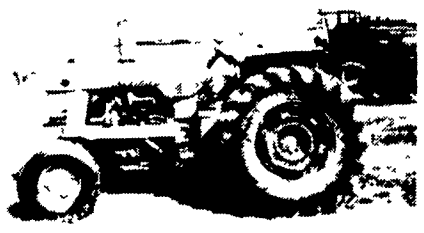
35 Used Combines To Choose From

1984 MF 860 Hydro	$32,000	1975 MF 760 Hydro	$6,500
1984 MF 850 Hydro	$38,000	1974 MF 760 Hydro	$7,500
1984 MF 850 Hydro	$32,000	1973 MF 760 Hydro	$6,000
1982 MF 860 Hydro	$24,000	1973 MF 510 Gear	$3,500
1980 New Idea 801 Diesel 4 Wheel Drive Power Unit	$22,500	1973 MF 510 Gear	$5,000
1980 MF 760 Hydro	$28,000	1972 MF 760 Gear	$5,000
1980 MF 540 962 Hrs	$15,000	1971 MF 510 Gear	$3,000
1978 MF 760 Hydro	$16,000	1969 MF 510 Hydro	$7,500
1978 MF 760 Hydro	$16,000	1966 MF 510 Diesel	$2,500
1978 JD 7700 Hydro	$16,000	Oliver 525 w/2 Heads	$1,500
1978 JD 7700 Hydro	$15,000	IH 91 w/2 Heads	$1,200
1977 MF 750 Gear	$16,000	MF 82...	$700
1977 MF 760 Hydro	$15,000	NI 843, 3R Corn Head	JD 20 Ft Flex Head
1977 MF 750 Gear	$14,000	JD 6 Row 30" Corn Head	MF 6 Row 30" Corn Head
1976 MF 760 Hydro	$11,000	JD 15 Ft Flex Head	MF 4 Row 30" Corn Head

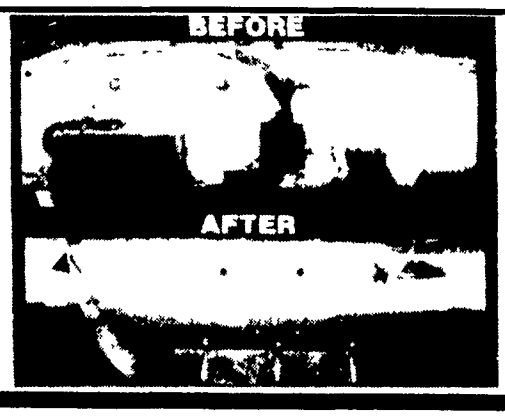
USED TRACTORS



JD 5010	$4,500
MF 1135	$7,500
MF 50A TLB	$12,500
MF 85 Gas	$2,500
MF 1130	$4,500
MF 1080	$4,500
MF Super 90 Dsl	$2,900
MF 1650 Garden Tractor w/Mower	$1,850
MF 1150	$5,000

USED EQUIPMENT

Glenco 7 Tooth Soil Saver	$3,900
MF 351 19½ ft Soil Finisher	$5,200
Landoll 10 ft. Soil Finisher	$3,200
Danuser Post Driver	$1,650
Danuser Post Hole Digger	$640
Danuser Wood Splitter	$780
EZ Trail 6 Ton Running Gear	$550
EZ 475 Bu Self Unloading Grain Cart	$6,400
MF 820 Hyd 19 ft Wing Disc	$8,500
JD 336 Baler	$2,600
Dunham Front End Ldr	$1,500
48" Demo 3 Pt Rotary Tiller	$1,075
6' Rotary Cutter	$525
New 8' Myer Snow Plow to fit Farm Tractor	$1,400
AC Forage Wagon	$1,600
IH 4R Fast Hitch Cultivator	$650
Little Giant 42' Baler Elevator	



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JOHN DEERE

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Mon. Thru Fri. 7 AM To 5:15 PM Sat. 7 AM Till Noon

Your Best Source For Equip. Financing
JOHN DEERE JDFP FINANCE PLANS

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Credit Management. Simplified.

GOOD LOW PRICED COMBINES FOR SMALL GRAIN HARVEST

EXCELLENT TERMS

Special Financing — 9.5% Fixed Rate

JD 6620 Side Hill w/Cab, Hydro, 15-Ft. Flex	$41,500
JD 7700 w/Cab, Diesel, Hydro, 15-Ft. Rigid	$26,500
JD 7700 w/Cab, Diesel, 15-Ft. Rigid	$13,000
JD 6600 w/Cab, Diesel, Gear - MECHANIC'S SPECIAL	$ 5,000
AC "E" Gas, Gear, 10-Ft. Rigid	$ 2,250

GOOD SELECTION OF USED HAY AND FORAGE EQUIPMENT

Special Terms - Interest Waiver Until Sept. 1, 1988

NH 320 Baler w/Ejector	$ 4,400
JD 24T Baler w/Bale Chute	$ 500
In Stock- One Only, NEW JD 327 Baler w/JD 40 Ejector	$ 9,995
NH 489 9 Ft. Mower Conditioner	$ 3,995
NI 270 7 Ft. Cut-Ditioner	$ 1,250
Field Queen S.P., Harvester, Cab, Updated 8-Knife Cutterhead, w/3R30, Hay P.U.	$14,500
JD 35 w/5½ -Ft. Hay P-U	$ 1,500
JD 16A Flail Chopper	$ 575
JD 716 Forage Wagon w/Roof JD 1075 Running Gear	$ 4,500
Grove Forage Wagon	$ 1,000

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No Reasonable Offer Refused

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JD 1240 4R30, Liquid Fert.	$395
JD 7000 6R30, min-til coulters, liquid fert., insect., monitor	$2,500
JD 7000 6R30, Dry Fert., insect	$5,000

Tractors

JD 4630 Cab, P/S	$17,500
JD 4430 4-P, Quad	$12,500
JD 301A w/Ind. Loader	$ 6,250
JD 3010 Dsl., S/R	$ 5,250
JD 3010 Dsl., S/R	$ 4,500
JD 2010 Dsl., w/Hyd. Loader	$ 2,995
JD "A" w/Cult.	$ 1,195
JD "B"	995
AC 6140 MFWD w/450 Loader	$ 9,000
Ford 3000 Gas	$ 3,750
Farmall "M" w/Snow Blade	$ 1,400
Farmall "A" w/Cult.	$ 1,095
Ferguson TO-20	$ 1,650
MF 2745 Cab, Dual Wheels	$18,500
IHC 560 Dsl.	$ 3,150

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AC 4R 30 Rear Mtd.	$1,500

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JD 220 17-Ft.	$6,250
JD 315 13-Ft.	$5,500
JD 110 14-Ft.	$2,750
JD BWA 13½ -Ft.	$1,950
JD KBA 9 Ft.	$ 695
IHC 350 13-Ft.	$1,500

Plows

JD 345H 4B16	$ 650
JD 345H 5B16	$1,150
IHC 7-Tooth Chisel Plow	$ 895
MF 4B18 Semi-Mtd.	$1,000

Manure Equipment

IHC 575 Spreader	$3,975
JD 40 Spreader	$1,450
Steering Assembly Complete (w/Steel Whl.) To Fit NI 206 Spreader	$ 295

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USED EQUIPMENT

TRACTORS
- Case 430
- Case 730
- Case 1030
- Case DC Tractor
- Case 2470 Tractor
- 1390 Case Tractor
- White 2-105 Tractor
- David Brown 990 w/Loader
- 656 Int. w/2000 Loader

LOADERS
- Case 1816 Loader
- Case 1830
- Case 1845 Diesel
- Case 1737 Loader
- Case 450 Crawler Dozer
- Case 1830 Uni-Loader
- IH 2000 Loader

HAY EQUIPMENT
- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- NH 488 Windrower
- NH 499 Haybine
- Hesston PT 10
- Hesston 1010 Windrower
- Hesston 1090 Windrower
- JD 1209 Windrower
- Case 650 Windrower
- NI Rake
- NI 456 Round Baler
- NI 484 Round Baler
- Hesston 4600 Square Baler
- IH 27 Baler
- IH 445 Square Baler

HARVESTING EQUIPMENT
- Hesston 2000-150 Harvester
- Hesston 2000-100 Harvester
- Hesston 2000 Harvester
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 705 Uni-Tractor
- NI 768 3-Row Head
- NI 709 Uni-System
- NI 315 Sheller
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Cornpicker
- NI 325 12 Row Husking Bed
- Gehl 800 Harvester

TILLAGE
- IH 6-16 Auto Reset Plow
- IH 10 Ft. Disc
- Int. 2-Bot. Trailer Plow
- Int. 710 5-Bot. Plow, 16" Auto Reset
- JD 18 Ft. Field Cult.
- 7-Tooth Soil Saver
- Case 16" Reset Plow, 6 Bottom
- Case Disc Harrow, 10'
- Case 13' Disk, F21
- JD 210 Disk
- Kawanee 10 Ft. Disk
- Oliver 22' Disk
- Oliver Disk
- Used Cultipacker
- Vicon Rotary Harrow

NEW IDEA

MISCELLANEOUS
- King Wise 32' Elevator
- Smoker 24 Ft. Elevator
- NH 36 ft. Elevator
- Gehl 99 Blower
- JD Blower
- IH 56 Blower
- IH No. 10 13-Disc Drill
- JD 7000 4-Row Planter
- 4-Row Cole Corn Planter
- 6 Used Spreaders
- Scavenger 1263 Manure Spreader
- Scavenger 1678 Manure Spreader
- NI 224 Spreader
- IH 595 Spreader
- Gehl 350 Spreader
- Martin 1575 Spreader
- 500 Gal. Century Sprayer
- Weaverline Cart, 30 Bushel
- IH 510 16x7 Grain Drill
- Ontario Drill

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$1,250

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The Model 4600 Beeline Baler uses Hesston's exclusive Centerline design to move crop straight through from pickup to finished bale No cross augers or sweep arms .that means less maintenance and high capacity baling.

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IH. 915, 815, 715, 315, 205, 203, 503, 403, 303, 93, 91, 151, 101, 141, 127, 125, 105, 82, 76, 74 JD 7700, 6600, 4400, 3300, 105, 95, 55, 45, 40, 30, 25, 12A. MF 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26. AC Gleaner, F, L, M, K, G, E, C, C2, A, 60, 66, 100 Oliver: 545, 535 525, 430, 40, 35, 33, pull type. NI: Uni, 710 Combine, Huskers, 705, 702, 701, Combine shellers & harvesters Ford 622, 630, pull type. Case: 1160, 960, 700, 660, 600. NH 975, 985, TR70. MM: 5297, 3496, MM Uni, White 8600, 7300, Massey 750D, Straw Spreaders & Choppers; JD 7720, Motors, transmissions, tires, corn & grain heads.

COMBINES
65 To Choose From
- NI 702 dsl. combine w/2 or 3R ear corn units
- (2) JD 45 w/10' Grain & 2R
- JD 55 w/12' Grain
- JD 45 Rback w/10' hume reel, nice
- JD 7700 diesel w/heads
- JD 6600 diesel, hydro, big rubber, rotary screen
- JD 6600 diesel, gear, $7,000
- (3) JD 4400 diesel, rotary screen, $7,000
- (2) JD 40 w/10' grain & 2R
- JD 45 square back w/2R 10' grain & cab
- 1980 JD 4400 diesel w/ heads, real nice
- 1977 JD 6600 side hill w/6R 30" & 14' grain, $19,500
- AC FKS dsl. w/heads $7000
- AC Gleaner F2, hydro diesel w/heads
- AC Gleaner M Dsl. Hydro grain saver w/4R 30" black corn head & 12' grain
- AC E3 w/12' grain & 2R corn
- Gleaner F2 w/heads
- Gleaner K w/10' grain & 2R corn, $4,000
- 1976 Gleaner FKS dsl 13' grain & corn head, real nice, $12,000
- (2) C-2 Gleaners w/4RW for 4RN & grain head
- Massey 300 w/grain & corn head
- Massey 82, $1,200
- Massey 35, 8' head
- MF 760D hydro w/heads
- MF 540 dsl., gray cab, duals, 1145 corn & 13' grain
- (4) MF 510 diesel w/head
- (4) MF 410 diesel w/heads
- MF 510 diesel, hydro w/ heads
- MF 410 SOLD sel, hydro w/ heads
- MF 410 diesel, hydro w/ heads
- (3) MF 300 gas, cabs & heads
- MF 300 diesel, quick tach w/ heads
- MF 205 gas, cab, 10' grain
- MF 82 2R corn & 12' grain
- 1983 MF 850, 28x26 tires, 1177 hrs., silver cab w/ grain 6R 30" or 4R 38", clean, one owner.
- Late MF 750 hydro diesel, just had $4,000 spent on it last fall, real nice
- IH 1460 axle-flow w/820 grain head & choice of 4 or 6R corn
- IH 1440 Axle Flow Combine w/grain & 4R corn
- IH 915 diesel, turbo, hydro w/ grain & 4 or 6R head, $13,000.
- IH 815 dsl., hydro, late profile w/810 grain head & 844 4R corn
- IH 715, German dsl., w/810 grain & corn head
- IH 615 gas w/810 flex, 2 or 3R corn
- IH 403, gas, cab, 4R 30" & grain head
- IH 315 hydro, cab, bean flex head, 3R 30" or 2R 38"
- IH 205 w/grain 3R, 30" or 2R 38"
- IH 76 pull type, PTO w/bin
- IH 715 hydro diesel w/grain & corn
- IH 715 gas w/13' grain & 4R 30" corn
- IH 203 10' grain & 2R corn
- IH #80 pull type, PTO w/bin
- 1983 NH TR85 hydro Cat. V8 diesel w/grain & 4R corn, low hrs.
- NH TR70 Cat. diesel, 4 row 30", 13' grain
- NH TR70 Twin Rotary, Cat. dsl., cab, air, radio, 28x26 rubber, low hrs., nice
- NH TR70 Rotary, hydro V8 Cat. dsl. w/12' flex & choice of 4R 30" or 6R 30" or 4R 38" corn
- NH 1400 w/grain & 4R 38" corn, $8,000
- (2) Case 600, 10' Grain & 2R or 3R Corn

DISC HARROWS
- (2) off-set discs from 8' to 11'
- JD 10 to 14' RWA discs
- JD RWA 13' wheel
- 4 IH 37 10' to 13'
- MF Trail type chisel plow
- 2 JD 15' plow discs
- Ford 18' wing disc, nice
- JD 15' field cultivator
- Athens 3PT chisel plow
- 10 & 12 tooth trailer chisel plows
- 3PT 8' disc
- 8, 10, 12, & 14' Wheel Disc
- 7 & 8' drag discs
- Good selection of wheel discs

GARDEN TRACTORS
- AC 16HP w/mower
- MF 12HP hydro. w/mower
- Cub Cadet 10HP w/mower
- Cub Cadet 8HP w/mower
- MF 12HP hydro. w/mower
- Cub Cadet hydro. 12HP w/ mower
- Cub Cadet gear, 12HP w/ mower

TRACTORS
- (3) Ford 850 gas, 3PT
- VAC Case w/Eagle hitch
- Late Farmall H w/side mtd. IH mower
- AC 190, gas, WF, 3PT
- AC WD w/power steering
- Farmall C w/cult.
- Farmall BN w/cult.
- Oliver 1600 gas w/3PT
- Oliver 1755 dsl., WF, w/rod out motor
- Farmall F20, all orig.
- Farmall Super A w/plow & C mower
- Ford 9N, all original
- C Allis w/belly mower
- IH 450 gas, PS
- IH 350, diesel w/PS
- IH 656 gas, NF
- IH 560 Gas, FH, $2,000
- IH 450 dsl. w/PS & fast hitch
- IH 504, power steering, 3PT
- IH Hough Payloader
- IH 400 Dsl. w/power steering
- AC Road Grader, good running, new paint
- Ford 1952 8N w/hr. meter
- Oliver Crawler w/Roll Guard
- Farmall M, late model
- Ford 5000 Tractor, late model overhauled, new paint, new tires

FORAGE HARVESTERS
- IH #5 Flail Chopper
- Gehl 600 w/heads
- IH 350 1R Harv.
- IH 720 w/2R corn heads
- NH #822 2R 30" corn head
- IH 55 2R & pickup
- 2 NH 33 Flail Choppers

WIDE FRONT ENDS
- MF 65
- Massey 44 & 444
- Massey 101, 30 & 33
- IH WFE (2), fits 460, 560, 656, 666, 706, 806, 756, 856

SPREADERS
- IH 540 w/hyd. gate, $1375
- NI 3-beater spreader, nice
- NI 12A, ground driven

CORN PICKERS
- IH 560 gas w/IH 234 picker
- NI #10, 1R
- Blue Ford 3 pt. 1R
- NI #7, $500
- NI 325 2R 30" pull type
- (2) NI late 323 1R
- Oliver 73 2R 38" pull type $750
- NI #7 1R pull type $500
- Woods Bros. 1 row

ROTARY MOWERS
- JD 3PT & pull type
- 2 Woods 7' trailer
- 20 New 6' 3PT IHMC
- 3 pt. 6, 7 & 8'
- Also pull types.

PLOWS
- JD 7x16 reset on-land hitch
- 2 JD Trailer 9 & 10 tooth chisel plows
- IH 540 4 btm. 16", new bottom
- JD 4 & 5 btm.
- IH 3, 4 & 5 btms.
- Ford & JD 3PT 2-btm.
- Oliver 6-btm. 16" on land hitch
- Ford 3-btm. 16", auto reset
- 15 plows, 2 to 7 bottom

HAYBINES & RAKES
- NH 479 Haybine
- IH 990 Haybine
- IH 275 SOLD ropelled 10' w/10 tires
- IH, JD & NI steel wheel rakes
- Hesston 10' hydro-swing center pivot hitch, $2850

MISC.
- JD 6R 3PT cultivator
- IH 4R 3PT cultivator
- Case Bale & Grain Elevator, $485
- JD Unloading box w/wagon
- 1976 Trail EZ, 48' Combine Trailer, good shape, now in use.
- IH 56 Blower w/heavy shaft, $675
- Grain & Hay Elevator, $325
- IH 3-beater wagon w/roof
- MF loader, hyd. bucket
- Snowco 45' auger elevator on transports
- JD 4R cultivator
- IH Front Mtd. cultivator
- Gehl Grinder-Mixer, 785
- 3PT fertilizer spreader
- Century 500 gal. 12R PTO trailer sprayer, real nice
- Sickle bar mowers, 3 pt. semi & trailer types
- IH Loaders to fit C, Super C, 200, 230, H, M, 300, 350 & 300 & 350 utilities
- MF Loader fits T020, T030, 9N & 8N

NEW 3 PT. EQUIPMENT
- Post Hole Diggers
- Snow, Dirt, Manure Blades
- Stone Rakes
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- Box Blades
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- Hay Tedders
- Finishing Mowers
- Potato Plows
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- Fert. Spreaders
- Cement Mixers

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DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

IH TD5 Crawler, 1256, 1066, 966, 856, 666 Hydro, 806, 706, 660, 656, 560, 504, 404, 460, 450, 444, 400, 350, 340, 300, 240, 230, 200, MTA, M, H, C, BN, A, Cub, 154 Cub, F30, F20, F14, F12. JD M, 4020 dsl, 4010, 3020 dsl, 3010, 2020 Dsl, 2010, 720, 70, 60, 50, A, B AC 180, D14, D15, D17, D19; WD, WC, CA, C, B MF 1155, 90, 85, 444, 333, 65, 44, 33, 30, 20 Case 600, 300, DC, SC, VAC Ford 6000, 4500, 4100, 4000D, 960, 861, 860, 800, 800, 641, 600, 8N, 9N Oliver OC3 Crawler, 1800, 88, 77, 70, 66, 60 Crawler. D2 Cat & Oliver MM 5 Star, R, Z, E3 Coop, David Brown 990.

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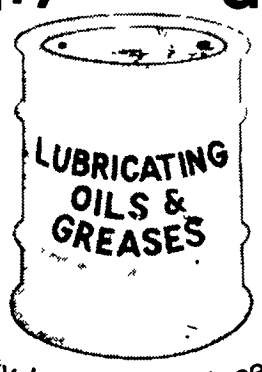

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Tractor Transmission Hyd. Oil	$183.32-$187.95

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Case IH 1594, 200 Hrs.
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Ford 7710, C.A.
Ford 7700 w/Cab
Ford 6600, 4WD
Ford 3600
Ford 3550 w/Loader
Ford 3400 w/Loader
Ford 2600 G
Ford 1900
Ford 1710 LBH
Ford 1710, 4WD
Ford 1300 w/Mower
Ford 801, P.S.
Ford 555 4x4 LBH
Ford 445 w/Loader
Ford 4000 D PS
Ford 3000 8 speed
Ford 2310 w/loader
JD 1520 Gas
JD 3010 DNFE
JD 2010 GNFE
IH 574 w/Loader
IH 154 w/Mower
MF 175 D 8 speed
MF 150 G P. Steering
MF 30B LBH
Ford 5600 4WD, Loader
Ford 3000 w/Blade
Ford 420 w/loader
Ford 4000 w/Loader
Ford 2810 600 hrs.
Ford 2110 500 hrs.
(3) Ford 8N's
(2) Ford 9N's
IH Cub w/Mower
MF 2200 w/Ldr.
Satoh 650 P.S.
AC 5020
AC 160 D
JD 3300 Combine
IH 1150 Grinder

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48" Portable
Engine Fans

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This twin 20 hp is becoming very popular for hay balers and other applications traditionally equipped with 2 cylinder Wisc. engines and can also replace the older 4 cylinder engines on some applications.

We Stock A Large Selection Of Baler Engines

New	Rebuilt
20.0 HP Kawasaki	16.8 HP Wisconsin
18.2 HP Wisconsin	18.2 HP Wisconsin
25.0 HP Wisconsin	We also have used engines to be used as spares while we rebuild yours.
17.0 HP Lombardini Diesel	(1) Used 25 hp Lombardini Diesel
20.0 HP Lombardini Diesel	
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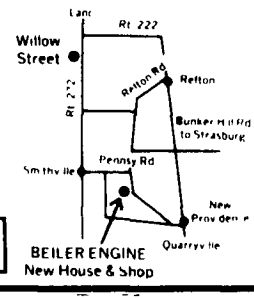

GUNTHER HEUSSMAN INC.

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TRACTORS

IH 1486 Dsl., Cab & Air, Sharp
1988 JD 4050, Cab, Air, 15SP, P. Shift (NEW)
JD 3020 Dsl., P. Shift, WF
1968 JD 3020 Gas, WF, 3600 hrs., very nice
JD 2940 Dsl., 2400 hrs., very good
JD 2030 Dsl., very nice
JD 2030 Dsl., Hi/Low, Ind. PTO w/145 Loader
JD 1530 Dsl., Very Nice
JD 830 Dsl., 3 Cylinder, Utility, 3PT, P. Steering, excellent
IH 140 w/Woods Mower
MF 165 Dsl., 3PT, P. Steering, WF
MF 85 Gas, WF, P. Steering, Ind. PTO
MF 50 Gas, 3PT, P. Steering, Wf, exceptionally nice
Case 1070 Dsl., Cab & Air, 2300 hrs.
Case VAC w/Hydraulic Side Mounted Mower
Ford 2000 Gas, 3PT

CORN PICKERS

NI 708 Cab & Air, Hydro, 737 Husking Bed, 4RN Corn Head & Sheller Attachment
NI 325, 2RN, 12 Roll Bed, Late Model, Very Nice
NI 324, 2RW 12 Roll Bed, Late Model
NI 323, 1R, very good
NI 319, 2R Mtd. w/12 Roll Bed, very nice
JD 300 Husker, 2 or 3R Head, 3 to choose from, excellent condition

NEW ARRIVALS

MF 510 Dsl., Cab, Air, QT, Very Nice, Choice of Heads
Gehl 95 Grinder Mixer
IH 990, 7' Mower Conditioner
MF 1163, 6RN
1980 JD 2440 Dsl. w/16.9x28 Heavy Rack & Pinion Axle Direction Reverser, 146 Loader, very nice SOLD

6500 bale wire

CORN HEADS

JD 243, 2RN w/Adaptor Plate
JD 244, 2RW
JD 343, 3RN Corn Head
JD 443 Low Profile 4RN, excellent
JD 443, 4RN
JD 444, 4RW
JD 643, Low Profile SOLD
JD 643, 6R 30
JD 235 2RW 45
AC A630 to Fit M2 or L2
IH 843, 4RN
MF 43 4RN Corn Head
MF 44, 4RW Corn Head
MF 1143, 4RN
MF 1144, 4RW Corn Head

Good Selection of Late Model Quality Heads

TILLAGE

IH 720, 4x18 Toggle Trip, Like New
IH 720, 5x18 Spring Reset Plow
IH 710, 4x18 Plow
IH 710, 4, 5, & 6x18 Spring Reset
JD 2800, 5 Bottom Onland Hitch Plow, Spring Reset
JD 1600, 12 Tooth Pull Type Chisel Plow
JD 3x16 Rollover Plow
Brillion 12' Cultipacker
JD 230, 20' Hydraulic Wing Fold Disk
JD TWA 12' plowing disk, very nice
JD 340, 12' Offset Disk Harrow, 26" Blades
JD AW 12 & 13' Disk Harrow
MF 7 Tooth Pull Type Mulch Tiller
Lely 12' Rottera

HAY EQUIPMENT

JD 337T Baler, Excellent
JD 530 Round Baler, excellent SOLD
NH 277 Baler w/Thrower, very nice
NH 269 Baler w/Bale Chute, very good SOLD
NH 495, 12' Haybine
NH 478, 7' Haybine
NH 474, 7' Haybine, Like New
IH 241 Baler SOLD
IH 720 Harvester w/2R C.H., very nice
JD 1209 Mower Conditioner
NH 851 Round Baler
NH #90 Bale Mover
JD 5400 SP Harvester, Cab & Air, 4WD, Choice of Heads
JD 5200 SP Harvester, Cab & Air, 4WD, very nice, Choice of Heads
NH 782 Harvester w/2R Corn Heads & PU Head
JD 7" Hay Pick Up w/gauge wheels
JD 5½' Hay Pickup
JD 3RN Forage Corn Head
NH #8 forage wagon, tandem axle, 3 beaters w/roof, very good
Pequea PTO driven hay tedder

COMBINES

1978 JD 6600 Dsl., Cab & Air, Side Hill, Choice of Heads
1974 JD 4400, Cab & Air, 1550 hrs., 23" Rubber, Very Nice
NH TR95 Cab & Air, Hydro, Rear Wheel Drive, 900 hrs., one owner, very nice
1982 JD 6620, Hydro, Cab & Air, 4WD, Turbo, Excellent Choice of Heads
1980 MF 550 Dsl., Cab, Air, Hydro, 23" Rubber, Very Nice
1978 JD 4400 Dsl., Cab & Air, 23" Rubber, very nice
1972 JD 4400 Gas, Good Solid Machine, Choice of Heads
1975 JD 4400 Dsl., Cab, Air, 1190 hrs., 23" Rubber, very good, Choice of Heads
JD 3300 Gas, Cab w/10' Grain Table
Corn & Soybean Chopper to fit JD 3300-4400
New JD 215 Flex Head, $7450 FOB SOLD
JD 213 & 215 Flex Heads
IH 820, 15' Flex Head
1980 Gleaner F2, Cab & Air, 23" Rubber, Flex Grain Head, 900 Hrs., Exceptional Condition, One of A Kind Machine
JD 218 Flex Head, Black Reel

Farmco Bale Wagons 8x18, 8 Ton Gear, Adjustable Tongue

Deutz Fahr Hay Tedders
2, 4 and 6 Star
10' 17½' 24'

BALE WAGONS

NH 1037, Tandem Axle, 105 Bale Capacity
NH 1034, Tandem Axle, 105 Bale Capacity, Single Bale Unload
NH 1003 Single Axle, 80 Bale Capacity, Used 2 Seasons
NH 1012, Single Bale Unload, 60 Bale Capacity

CORN PLANTERS

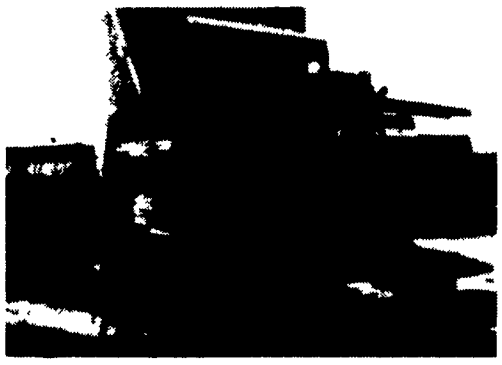
JD 7000, 6R Cons. Liq. Fert., Insect., Monitor, Markers
JD 7000, 4RW, Liq. Fert., Insect., Monitor

MISCELLANEOUS EQUIPMENT

NH 353 Grinder Mixer, Very Nice
JD 605 Tandem Axle, fert. spreader
NI 42' Hay & Grain Elevator, PTO or Motor
Parker & Turnco Gravity Wagons
NI 213 single beater spreader, 160 bu. w/hyd. end gate
JD 750 Grinder Mixer w/Hay Feeder Attachment, like new
IH 1850 Loader, w/Valve, excellent
Farmhand Loader to Fit IH 560 thru 686
18x38-18x34-20x38 Duals
Cab to fit JD 2840's and 2940's
Cab to fit IH 706 thru 1256
JD Roll Guard, Fits 1020 to 2640 Tractor
JD 400 Rotary Hoe
Donahue Equipment Trailer
Kelly 3 Pt. Backhoe, (NEW)

WE INVITE YOU TO VISIT AN OUTSTANDING DISPLAY OF QUALITY LATE MODEL FARM EQUIPMENT

1 FARM EQUIPMENT



MF 540 Diesel, 13' Head,
1,900 Hrs., $8,750
With 43 Corn Head $10,850

FOR SALE

MF 1143 corn head
MF 43 corn head
JD AW disc
Plow down attachment for liquid spreader
MF 540 combine
MF 540 combine, 480 hrs., w/flex head & 1143 corn head
MF 260 harvester w/3 row narrow & pick-up head
Oliver 3 btm. plow
IH 10 tooth chisel plow
IH 510, 24 run grain drill
IH 830 forage harvester
IH 720 forage harvester
15' bat wing rotary mower
NH pickup head
10' cultimulcher
IH 1066
IH 766
IH Hydro 84 w/2250 loader
JD 4240, PS, cab & air
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NH 273 Baler w/thrower
NH 55 Rake
NH 489 Haybine
NH 479 Haybine
IH 440 Baler w/No. 10 Thrower

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IH 1250 Grinder Mixer
Gehl 95

TILLAGE & PLANTING
IH 456 4 row planter
Oliver 251 10' disk

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NH 519 w/hydraulic endgate
NI 214 3 Btr.
NI 214 Single Btr. Hyd. Endgate
JD 465 Tank Spreader w/ Hyd. Lid Opener
IH 530 2 BTR.

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Oliver 77
Oliver 1650
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SKID LOADERS
Case 1816

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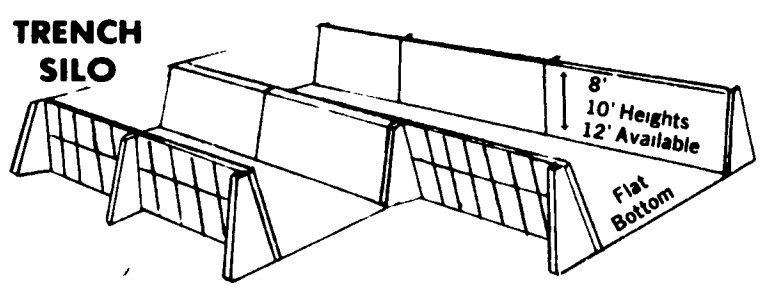

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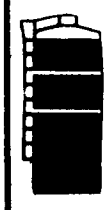

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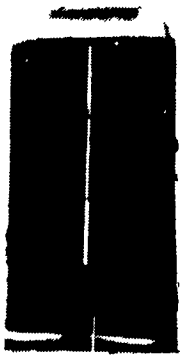

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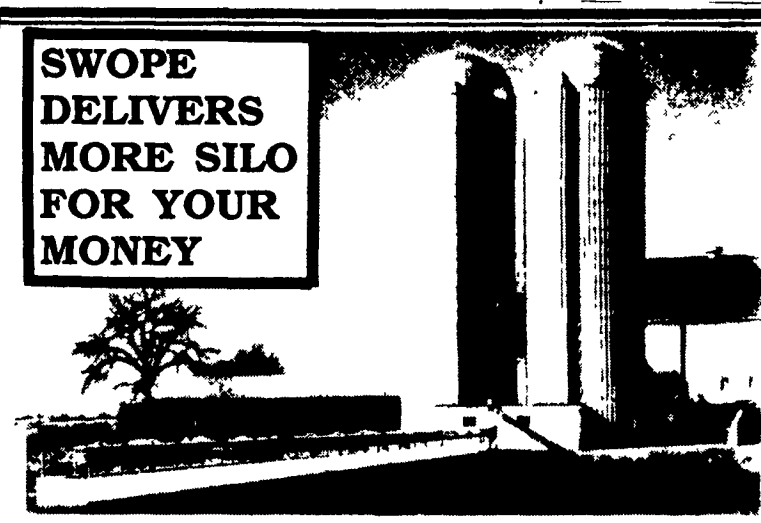

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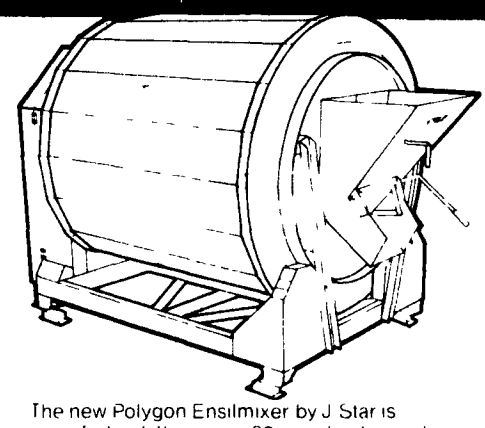

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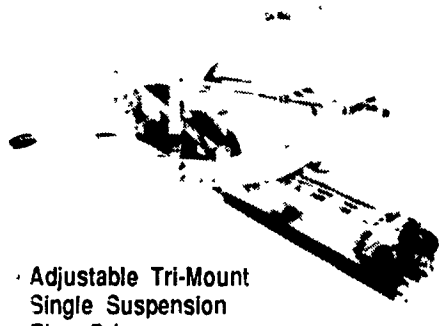
Silo construction is not only an engineering science, it is also an art Fickes Silos exemplify these principles, with their fine stave design and strength durability.. and manufacturer's care in building.

Silo-Matic's GEMINI R/D
Silo Unloader



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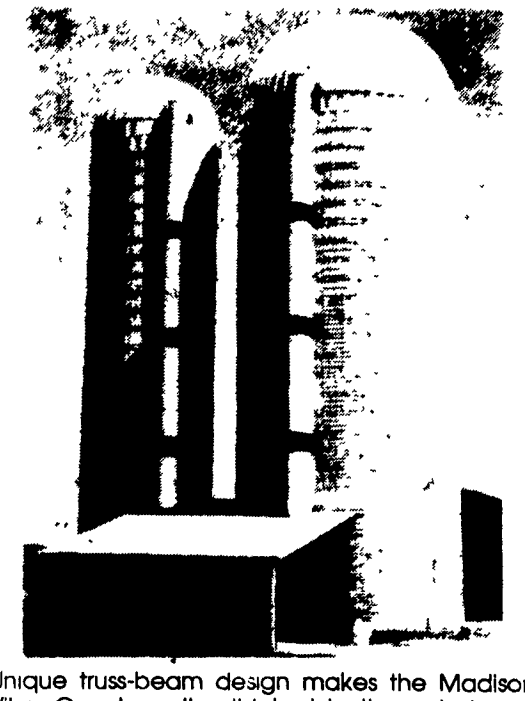

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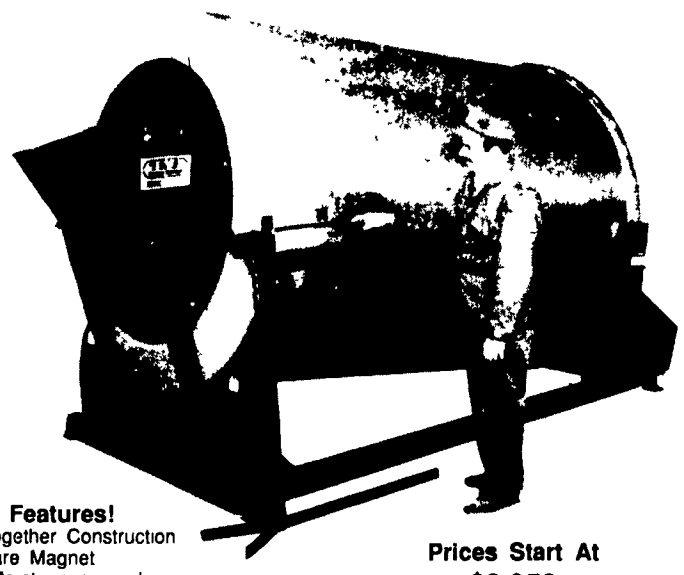

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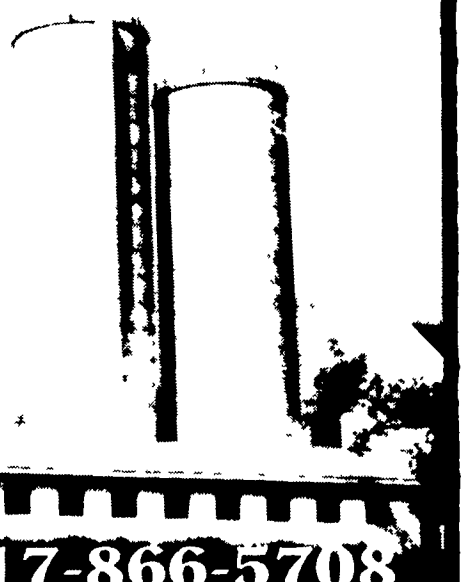

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Yes, we take trade-ins!

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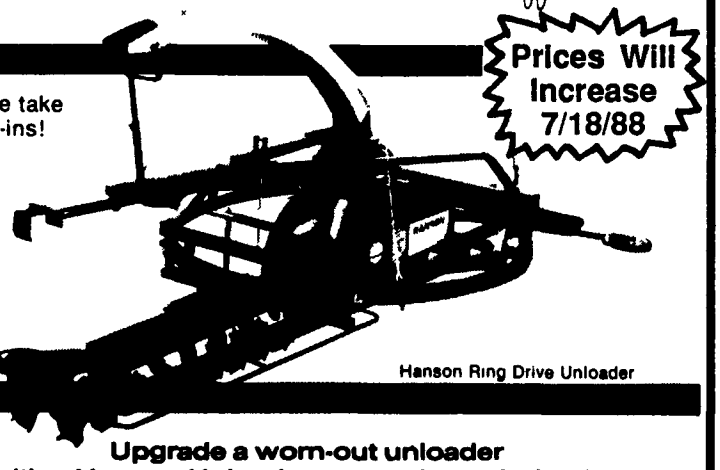

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Upgrade a worn-out unloader with a Hanson Unloader — your best choice for:

Quality — and the latest technology, like the SS-428 Turbo Stainless Steel Blower package

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New Van Dale Mixers	Call
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THE NEW ROUND BALE WRAPPER
An Economical Efficient Method Of Making Silage

This is the Silawrap system:
- The lift-arm places the bale on the turn table
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- The film is cut, film end secured and bale tipped off

Lease Or Buy An 8',9',10' or 12' Bagger At Special Price Call For Details

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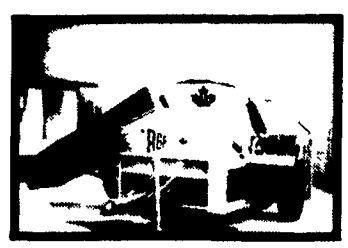

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The SOLLENBERGER SILOS "BIG JIM SYSTEM"

The Big Jim TOP UNLOAD, BOTTOM DISCHARGE silage system lets you enjoy bottom delivery without the high cost. The feed drops by gravity down a hole formed in the center of the silage. So you never have to climb a silo to change doors, you don't have to raise the unloader to fill, and you will have a clean chute because the silage or haylage doesn't drop down the chute.

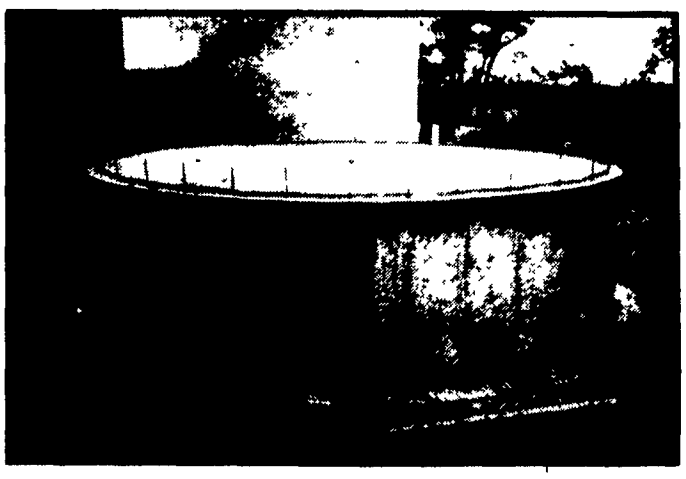
The simple design eliminates belts, pulleys, and adjustments. Since there's no need for an impeller, the full horsepower can be used more efficiently for big volume, fast feeding.

The Big Jim System is now 30 years old, and the many improvements over the years have made it a system with very low maintenance costs and long life.

Sollenberger Silos Corp. is now 80 years old, and our recent improvements on the Big Jim silo make the "Sollenberger Silos Big Jim System" something you've just got to see.

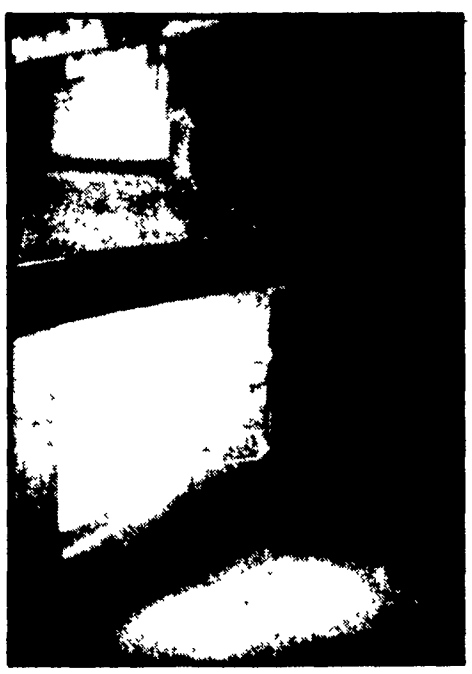
WATCH THIS SPACE FOR FIELD DAY SCHEDULES!

We will invite you to attend a field day at a couple of farms with the Big Jim silos; but until details are complete, please study the pictures, ask us for some free literature, and ask for names of farmers who have taken advantage of this "innovation in silage storage and feeding."

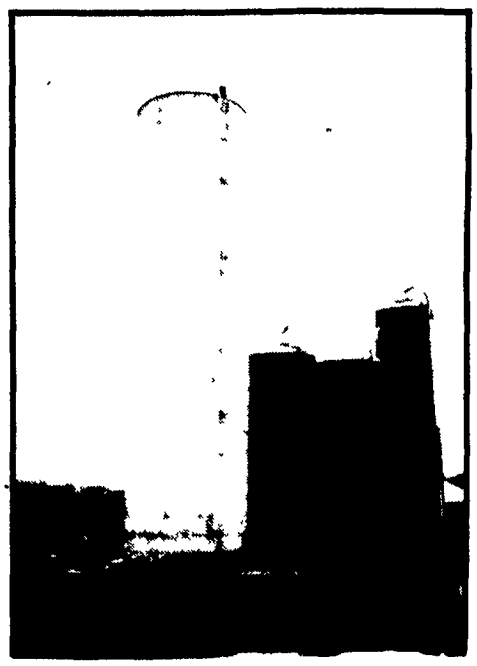


Big Jim silo base with concrete floor, 5' off the ground with easy access tunnel. The silo is then built on the base.

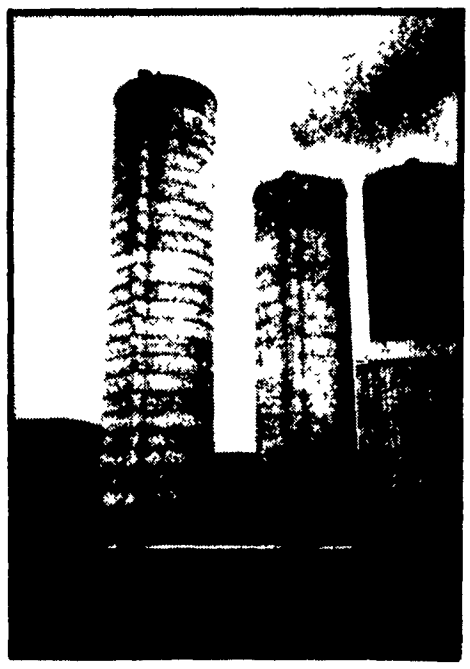
The silo wall is a full 6" thick with the base wall 12" thick. Both are heavily reinforced with horizontal and vertical steel.



The Sollenberger Silo is equipped with double-ply redwood doors - "largest in the industry" - and hot-dipped galvanized hinges and steps, for long life and low maintenance.



30'x124' Silo with Big Jim holds over 3000 tons corn Silage.



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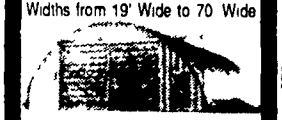

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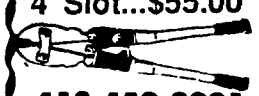

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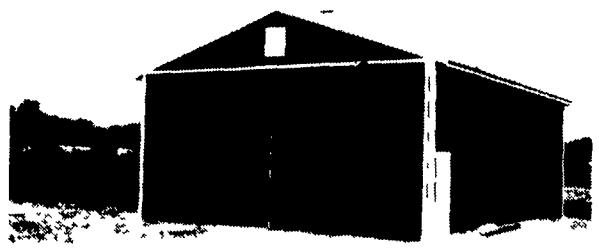

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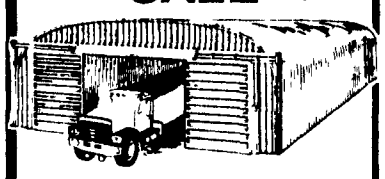

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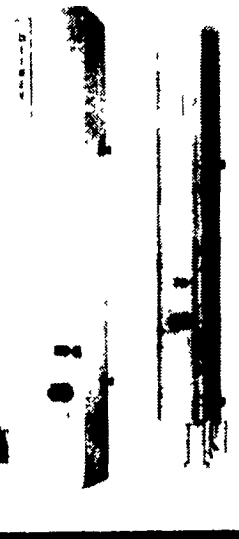

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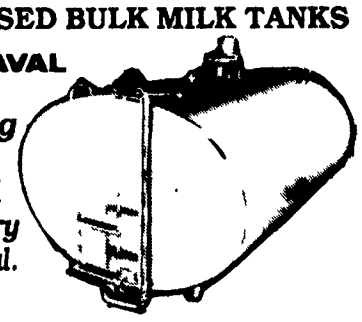

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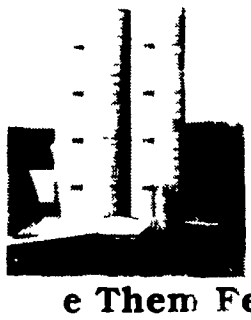

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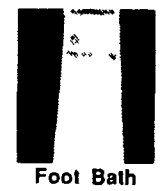
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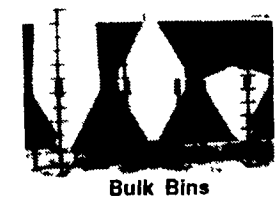
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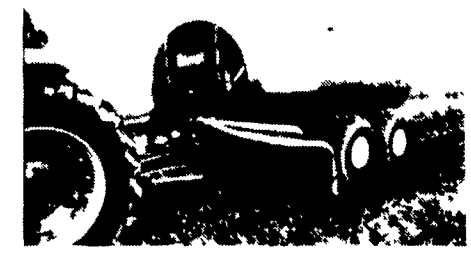

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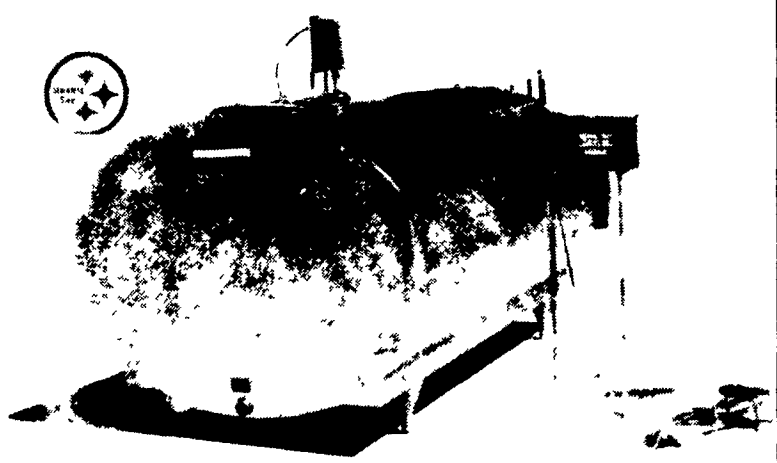

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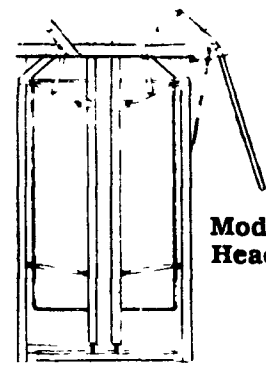
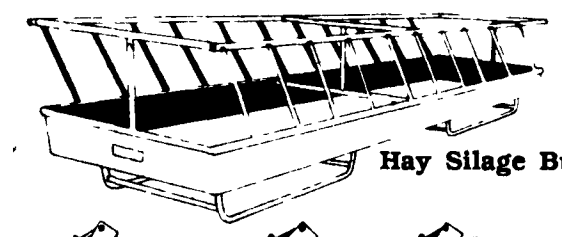
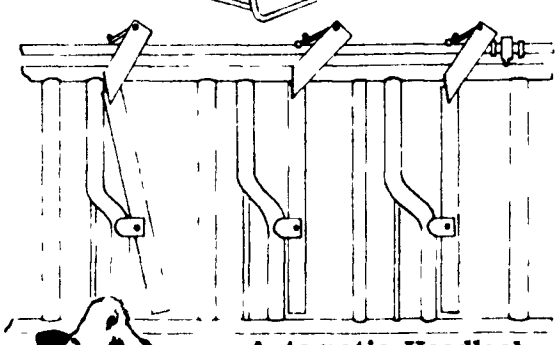
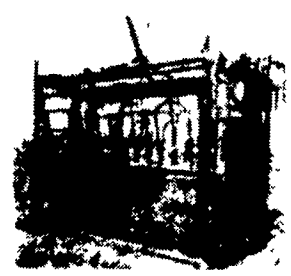
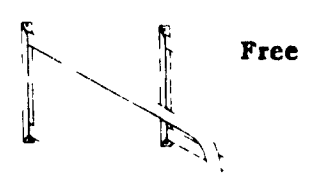

Model 100 Head Gate

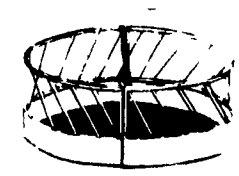

Hay Silage Bunk


Automatic Headlock


Squeeze Chute


Free Stall

Farm Gate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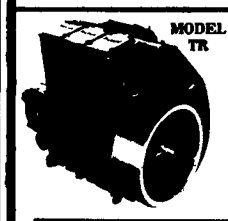

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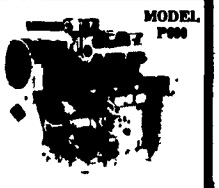

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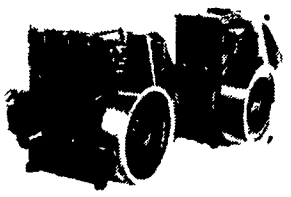

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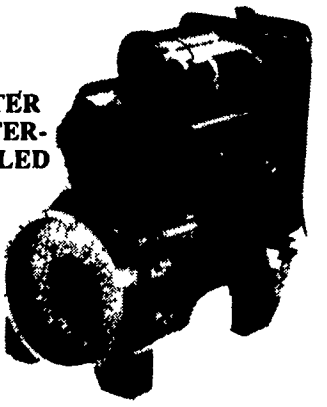

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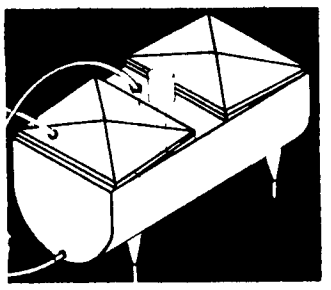

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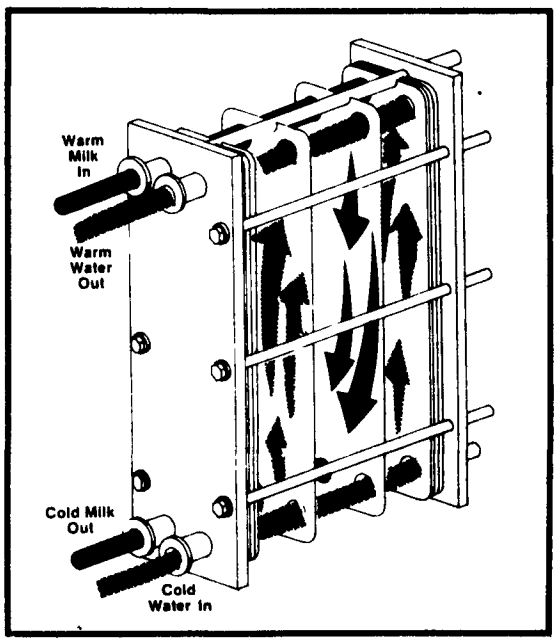

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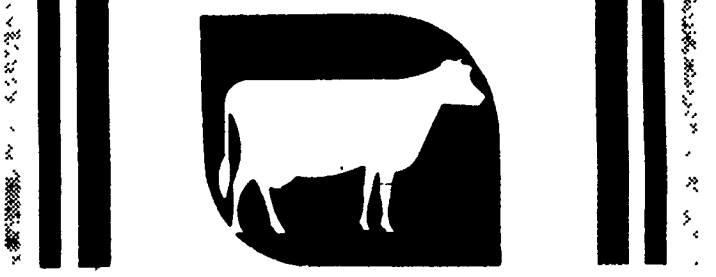

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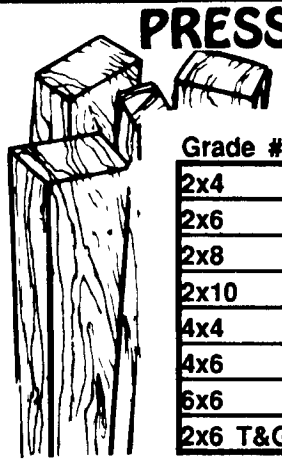

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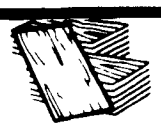

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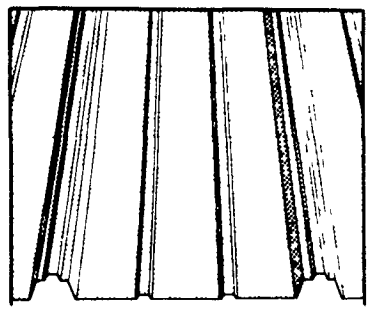

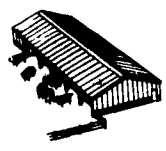

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2"x10"	5.60	7.00	8.40	9.80	11.20	13.20	14.67
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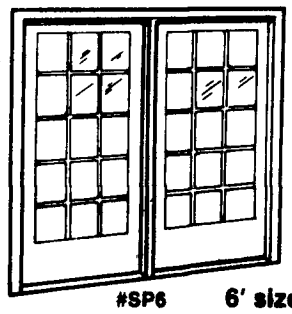

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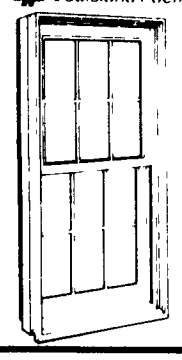

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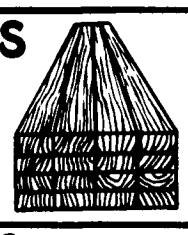

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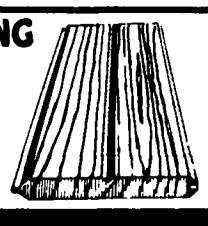

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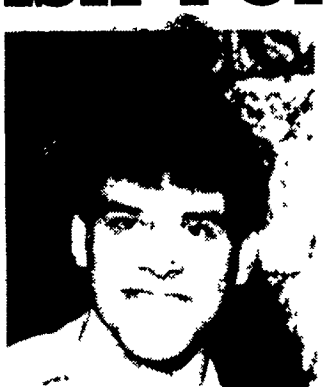
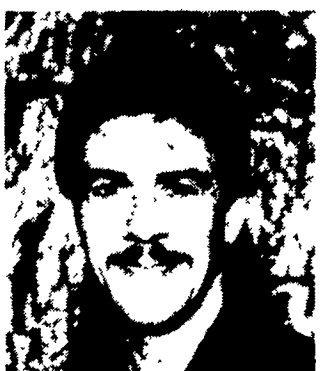

Chris Keller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Beef Briefs

by
John Comerford
Penn State
Beef Specialist

Alternative Protein Sources for Beef Cattle

Protein costs can approach 50 percent of total feed costs in beef cattle diets. In the past few weeks the cost of soybean meal, a principal component of protein supplements for cattle, has risen in cost more than $150 per ton. This has resulted in a sizeable increase in total feeding costs. There are, however alternative sources of protein for cattle diets available. These would include whole cottonseeds, cottonseed meal, fishmeal, linseed meal, urea, and dried brewers grains. Urea is a non-protein nitrogen source that can be very effective and cost-competitive when used appropriately in cattle diets. Please refer to the document "Urea Supplements for Beef Cattle" under this menu heading for more complete information on using urea.

The relative cost of these feeds also must be compared for their energy contribution to the ration because they may vary widely from soybean meal in energy content. With the escalating price of corn and other energy feeds, this is also a concern.

The table below shows the relative protein value, equivalent cost per ton as a protein source, and relative energy value of these alternatives when compared to soybean meal priced at $400 per ton.

	Distillers Dried Grains	Whole Cotton-Seed	Menhaden Fishmeal	Cotton-Seed Meal	Linseed Meal
Protein Value (% of SBM)	68.1	52.3	147.7*	93	86
Equivalent Cost ($/ton)	272.40	209.20	590.90	372.00	344.00
Energy Equivalent (% of SBM)	80	111	89	96	97

*Cannot be more than 3% of the ration.

Check local prices on these feeds, and use a least-cost ration program to determine the extent of their use in rations.

Using Wheat in Beef Cattle Rations

Because of the increasing price of corn, alternative, price-competitive sources of energy in beef cattle rations are being sought. One such opportunity is using wheat in these rations. There are some specific management procedures that must be followed to make the most efficient use of it. Wheat is generally higher in protein than corn, but has slightly less energy value. Based on a corn price of $3.50 per bushel for corn, this makes wheat worth $3.62 per bushel as an alternative energy feed. A conservative value for comparing corn with wheat for energy is to divide the price of corn per hundredweight by .97 and this is the comparable price of wheat per hundredweight. Secondly, a ration for 700 lb. feeder cattle which has wheat as 50 percent of the grain source will require 4 percent less soybean meal in it to meet protein requirements, provided corn silage or other high energy roughage makes up at least 15% of the diet. This is a significant savings in light of current soybean meal prices.

Wheat should only provide up to 50 percent of the grain in the diet because of palatability problems with higher levels. Greater incidence of lactic acidosis has resulted with rations containing over 60 percent wheat. Buffers can also be added to overcome the palatability and acidosis problems at the level of .4 lbs. of sodium bicarbonate per head daily in the ration. Other management factors include:

**Bring up to full feed over a period of at least three weeks, which is slower than all corn rations.

**Get fiber levels in the feed to at least 6 percent. This can be accomplished with silage, haylage, or alfalfa hay at 10 to 20 percent of the diet.

**Dry roll or coarse grind the wheat for best results. Feeding whole wheat will reduce efficiency 12 to 20 percent compared to rolled wheat.

Spring Preview Market Lamb Show

The grand champion market lamb was a Suffolk exhibited by Amy Eshelman of Sinking Springs at the Spring Preview Market in Shippensburg. See page C2 for the story.

Progress Reported In Sulfa Residue Battle

DES MOINES, IA — Progress is being made in the battle to lower the number of sulfa residue violations, but pork producers should not let their guard down. Mike Wehler, a pork producer from Plain, Wisconsin, and chairman of the National Pork Producers Council Quality Assurance Committee told a news conference at World Pork Expo that most sulfa residue violations occur because of inadvertent contamination of hog feed, not as a result of improper use of the drug by producers.

A stepped-up monitoring program by the USDA in recent months revealed that only 10 percent of the sulfa residue violations occurred because the pork producer didn't withdraw use of the drug in sufficient time prior to marketing of the animal for slaughter.

The intensified monitoring of hogs being slaughtered at meat packing plants was ordered following a preliminary report by an affiliate of the Food and Drug Administration (FDA) that indicated sulfamethazine might have caused cancer to develop in laboratory mice.

The National Pork Producers Council (NPPC) has asked producers to suspend use of sulfamethazine in all of its forms until the FDA issues a conclusive report on its research. Indications are a majority of producers have gone along with the voluntary suspension. The number of sulfa residue violations discovered as a result of the intensified government testing program has been relatively small.

In the interim, NPPC, in cooperation with veterinarians and segments of the pharmaceutical industry, have launched a program to develop Quality Assurance committees on a state and county level all across the nation. Wehler told the World Pork Expo news conference, "The present sulfa problem presents an opportunity for pork producers to develop a working model to deal with any present or future potential residue problems."

During a recent public hearing on the sulfamethazine situation, FDA commissioner, Dr. Frank Young, said he has been impressed with the "creative and aggressive" campaign launched by pork producers to reduce residue violations.

Simmental Summer Conference; Youth Classic Set In Kansas

BOZEMAN, MT — The American Simmental Association will hold its joint Summer Conference and Youth Classic in Manhattan, Kansas on July 18-22, 1988. It's the second time for the two events to be held simultaneously, having been previously combined in 1984 when they were held in Springfield, Missouri.

ASA's Summer Conferences are designed as a vehicle for allowing the general membership to provide input and opinions. Working committees, chaired by members of the Board of Trustees, will be dealing with comprehensive agendas in an effort to chart future direction and activities of the Association.

The ASA Junior program on the other hand, traditionally revolves around learning experiences gained from a wide range of scheduled activities. Educational programs such as a sire summary quiz, a herdsman's quiz, beef bowl competition, livestock judging, heifer sales talk, public speaking, heifer competition, and showmanship dominate the schedule. Several extra-curricular events, including a volleyball tournament, two dances, and an awards banquet, will also be held in conjunction with "Summer Classic VIII".

Junior activities will begin on Monday, July 18, while adult events will commence on Wednesday, July 20. The concluding event on both schedules is the Awards Banquet on Friday, July 22nd. Schedules for the two activities have been carefully meshed to allow for as much crossover involvement as possible.

"This is an excellent opportunity for our adults and juniors to learn from each other," said ASA Executive Vice-President Earl B. Peterson. "Adults will be able to observe the juniors as they are involved in hands-on application, and our youths can gain considerable understanding about how their Association is run."

American Simmental Association staff, with cooperation and assistance from the host Kansas Simmental Association as well as faculty and staff from Kansas State University, is responsible for planning and coordination.

Peterson pointed to the joint educational program as an event that will generate considerable interest. "Dr. Horst Leipold of KSU, who is among the world's foremost authorities on genetic defects in cattle will be on the program. And KSU's new meats laboratory will be utilized for a carcass evaluation demonstration that will display carcasses that had been evaluated earlier in the Summer Classic judging competition," he said.

The Manhattan Holiday Inn will serve as meeting headquarters. Cattle activities will be located at the Riley County Fairgrounds in Manhattan, and the educational program will take place on the KSU campus.

Limousin Foundation Searching For Executive VP

DENVER, Co — The North American Limousin Foundation has appointed a search committee to fill the position of Executive Vice President, recently vacated by Dr. Greg Martin. NALF President, Leonard Wulf of Morris, Minnesota will be chairman of the search committee and will be accepting all applications and resumes until August 1, 1988. All correspondences will be confidential and interested persons should send resumes to Search Committee, c/o North American Limousin Foundation, P.O. Box 16767, Denver, CO 80216. Dr. Martin is now employed with the Morris Animal Research Foundation of Englewood, Colorado.

National Ram Sale, Sheep Exposition Scheduled For Aug.

DENVER, Colo.— The National Wool Growers Association will combine the finest sheep in the nation and an exciting array of activities including national sheepdog trials and a showcase of top wool at the National Ram Sale & Sheep Exposition to be held August 15-19 at the Salt Palace in Salt Lake City, UT.

Last year's National Ram Sale topped all previous records in its 72-year history, with 706 head grossing more than $406,000 and the top-selling ram owned by R.J. Shown bringing $8,250. The Ram Sale is the oldest sheep sale in the nation.

The 1987 event set the stage for future events with the combination of the ram sale with a sheep exposition featuring sheepdog trials, exhibitors of agri-supplies and handcrafts, educational workshops, a sheepmen's barbecue, and a wool show and sale. This year's event will be expanded to include a Ladies Lead. Three ram sales will feature the "classic" sale of the nation's top individual animals, a purebred ewe and ram sale, and a range ram sale.

Kicking off the annual sale is the National Wool Growers Association summer board meeting August 15-17 in Salt Lake City.

For more information, contact NWGA Sale Committee Chairman Dr. Lyle McNeal, Utah State University, Logan, UT 84322-4815; or General Manager Jim Wingate, 3200 E. Mulberry St., Fort Collins, CO 80524; or National Wool Growers Association, 10 Lakeside LN., Suite 200, Denver, CO 80212.

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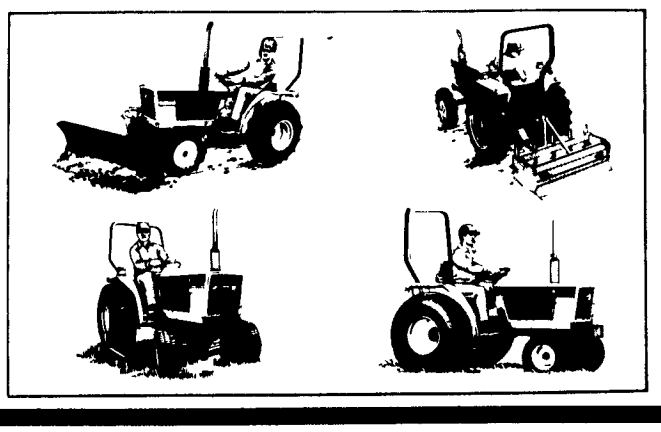

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Dairy Goats To Show At 1988 NAILE

LOUISVILLE, KY — A dairy goat show will be added to the listing of events at the 1988 North American International Livestock Exposition. Harold Workman, executive director of the NAILE, also has confirmed that Bill Bell of Taylorsville, KY, will be dairy goat superintendent, and Judy Schad of Pekin, IN, will be assistant dairy goat superintendent.

The dairy goat show will be one of the first events to take place at the 1988 North American International Livestock Exposition, with dates set for November 5 & 6. The show is sanctioned by the American Dairy Goat Association.

According to Messrs, Workman and Bell, total premium money for the first year will be $4,705. Mr. Bell also noted that several major goat breeds will be represented at the 1988 NAILE, including: Alpine, La Mancha, Nubian, Oberhasli, Saanen, and Toggenburg. Recorded grades will also be included in goat competition, bringing the total number of breed classes to seven.

The popularity of dairy goats has grown in recent years, primarily among part-time farmers and small farmers. According to many producers, goats are inexpensive to keep, perform a very desirable clean-up/companionship function on the farm and produce milk which is highly digestible and nutritious. Supt. Bell said approximately 200 animals are expected to show in November. "Addition of the dairy goat show to the North American International schedule of events is a step forward for our breed since the NAILE is such an important exposition", said Bell. Continuing, he confirmed that goat shows in November will include group classes, showmanship classes for young people, and competition for both dry does and milking does.

In addition to the dairy goat show, five other livestock types will be featured at the 1988 North American International Livestock Exposition, including dairy cattle, beef cattle, swine, sheep, quarter horses and draft horses.

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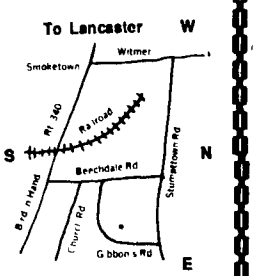

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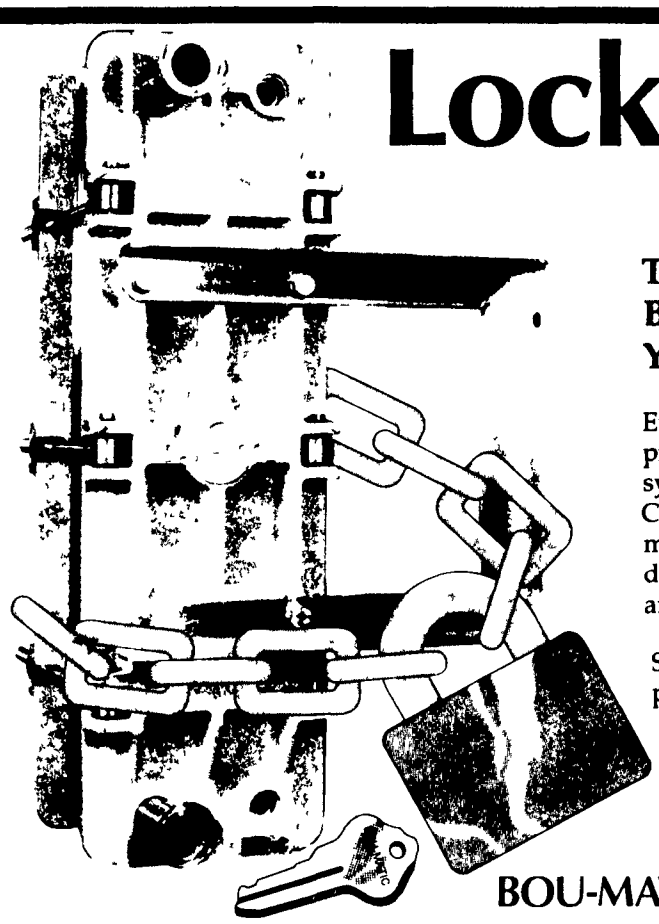

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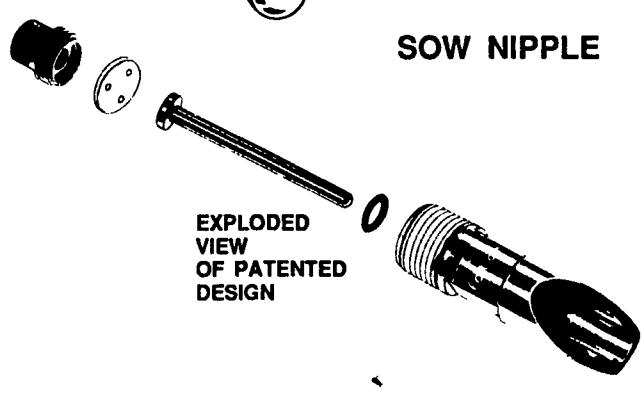

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Swine Management Column

BY
DR. RICHARD BARCZEWSKI
Extension County
Agricultural Agent
University of Delaware

Get Ready To Vote

As many of you are probably aware, the pork referendum will be held on September 7 and 8, 1988. What does this mean, and what responsibilities do you have in regards to this event?

Currently, all hogs sold are checked off at the time of sale. The check-off monies collected are then sent to the National Pork Board and used to fund promotion and research efforts as determined by the Board. This Board is made up of pork producers like yourself; therefore, producers are making the decisions about where your money should go.

Your job is to get out and vote in the referendum. Since the check-off program affects you personally, it's extremely important that you voice your opinion.

One of the nicest things about living in a democratic society is that you as an individual have a vote in determining your future. There have been both good and bad things said about the check-off program.

Some producers feel it's just another form of tax and think it will never have a positive impact on the pork industry. Others feel that the "Other White Meat" campaign has had a positive impact on pork sales and that without check-off funds available to further support such efforts, pork will only lose out to the other meat commodities.

The real test of these conflicting feelings will be on September 7 and 8 when you--the producers of pork--get out and vote your opinions.

It's up to you to provide the guidance necessary to lead your industry into the future and to ensure a profitable livelihood for yourself and your families. Therefore, I'm suggesting that each and every pork producer take the time to read any and all of the information that will be coming to you in the mail and in trade magazines pertinent to the referendum.

In order to make an educated decision, you'll need to study the facts. We don't pick our country's president based on hair style or dressing habits. Instead we dig deep into the candidates' past performance and determine if they're making decisions we agree with. The same holds true for the referendum.

While I personally have an opinion on this issue, it is irrelevant because the choice is yours and yours alone. The pork industry needs to stand and be counted, and everyone eligible needs to get out and vote.

As of this time, nothing other than the dates of the referendum have been decided. Through this column I'll pass along the details of the process to you as they become available.

One of my greatest disappointments as an American is that only 50 percent or less of this country's eligible population gets out and votes. Don't let this happen in the September voting on the pork referendum.

Just recently, we completed the beef referendum and I can assure you that the voter turnout was far below the number eligible. It's a shame when producers don't care enough about the happenings in their industry to bother to vote. Beef producers who couldn't get out on the day of the referendum could have requested an absentee ballot. Everyone should have voted in that referendum; I hope that the pork producers will turn out in larger numbers.

We need to provide guidance to the leaders of our industry by letting them know our opinions. Take the time to mark your calendars now and plan on voting in September.

Record Number Of Angus Entered In National Show

ST. JOSEPH, MO — A record number of registered Angus cattle, 915-head to be exact, have been entered in the 1988 National Junior Angus Show set for July 12 to 15 at the Ozark Empire Fairgrounds in Springfield, Missouri. There are 439 young Angus enthusiasts from 31 states who have entered the 915 Angus. This record number breaks the old one set in 1983 at the Centennial National Junior Angus Show at Des Moines, Iowa.

The four days of activities not only include the National Junior Angus Show, but junior members will be taking part in the National Junior Angus Showmanship Contest, as well as the annual meeting and election of six new directors to the National Junior Angus Association Board. There are also special events planned for young and old alike.

This year's show will feature divisions for some 508 'owned' heifers, 205 bred-and-owned heifers, 65 bred-and-owned bulls, 128 registered Angus steers and 9 cow/calf pairs. Ken Conway, Briggs, Texas, will judge the breeding cattle and Doug Hixon, Laramie, Wyoming, will judge the steers.

Nearly 70 contestants from about 35 states will compete in the National Junior Angus Showmanship Contest.

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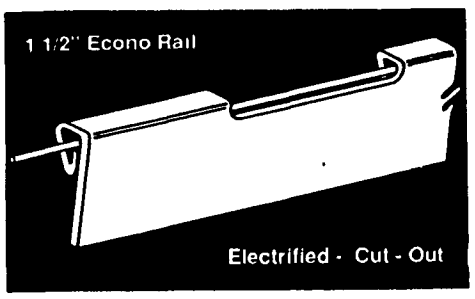

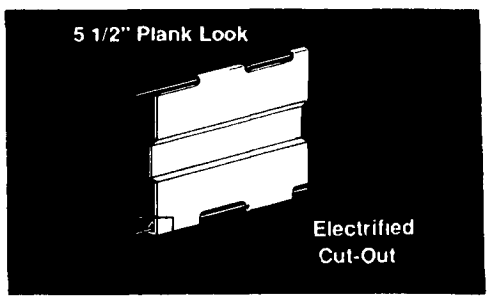

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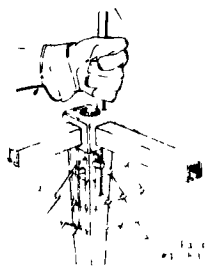

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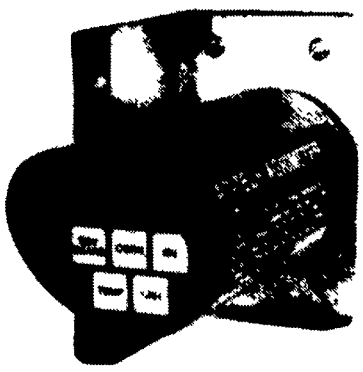
BUSINESS NEWS...

Missouri Valley Introduces Grain Bin Monitor

WOODBINE, IA. — This low-cost grain bin monitor has just been introduced to the farm market by an Iowa electronics manufacturer. The TH-55 Agrimeter is a Micro-processor based unit, equipped with sensors that register grain moisture content, temperature, and relative humidity at the touch of a button. Designed for low maintenance, the unit operates on four AA batteries. The monitor is weatherproof, and easily fastens to either, the ladder or directly to the grain storage bin or building.

This unit was designed using micro-chip technology to purposely keep the cost down, and make it affordable for even the smaller operators. Multiple units can be used for larger bins as well as flat storage.

Monitors can be configuried to display temperature readings in either celcuis or fahrenheit, and can be set to monitor any two grain, types of your choice. The sensor, which is encased in conduit, can be installed in a full or empty bin.



This grain bin monitor keeps track of temperature, grain moisture content, and relative humidity.

For further information, contact Milton Anderson Inc., P.O. Box 6126, Harrisburg, PA 17112; 800/652-6043.

The Select Sires Production Department poses with Carlin-M Ivanhoe Bell, who is celebrating his 14th birthday. At right holding the cake are George Miller, left, and Howard C. Kellgren.

Select Sires Celebrates Bell's Birthday

PLAIN CITY, OH — Carlin-M Ivanhoe Bell, one of the oldest living sires in A.I., celebrated his 14th birthday on May 16, 1988 at Select Sires. "There has never been a sire who has dominated the industry through his sons and daughters to the extent that Bell has at this point", said Richard Chichester, General Manager, on this special occasion. "He's been living here for 13 years under the care of people who take pride in how they handle our bulls. Our barn crew has Bell in good comfortable circumstances, well-bedded, and they deserve the credit for his longevity."

During his many active A.I. years, Bell worked three days a week and produced over 660,000 units of semen. From this valuable semen came many hardworking daughters and sons. Currently, Bell leads the breed as a sire of sons with 438 sons averaging +84PD$. He also sired an astonishing 36.9% of all the daughters on the January 1988 USDA Elite List.

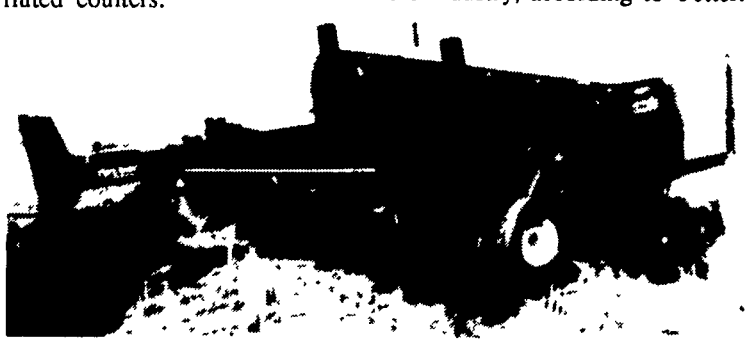
In honor of Bells' longevity, Select's Production Department gathered with Howard C. Kellgren, Vice President, Production; and George A. Miller, Vice President, Marketing. In paying tribute to Bell and the employees' hard work and dedication, Miller concluded his comments, "With so many top sons that are key actors in our genetic program, having this 14 year old sire still here is an interesting and exciting situation."

To commemorate Bell's genetic contribution to the Holstein breed, Select Sires offers limited edition collector prints created by Bonnie Mohr, Minneapolis, MN. To order your "Carlin-M Ivanhoe Bell' print, send only $16.95 plus $4.00 for protecuve packaging and shipping to: Select Sires, Inc., 11740 U.S. 42, Plain City, OH 43064. Phone (614) 873-4683. Satisfaction guaranteed.

Case IH Specifies Yetter Coulter Cart For Basa-Plan Approval

COLCHESTER, IL. — In a recent communication to its dealers regarding use of the Case IH 5200 Mounted Grain Drill with the BASF No-Till Drill Program (Basa-Plan), the implement manufacturer pointed out that BASF has approved this drill for its unique rebate program. One of the requirements for acceptance under the chemical firm's subsidy plan to help defray the cost of the drill is that the 5200 must be used in conjunction with a Yetter 6600 Series Coulter Cart equipped with 1" fluted coulters.

The Yetter Coulter Cart converts conventional mounted grain drills for no-till by cutting paths through the trash so drill openers can work efficiently and accurately under a no-till environment. The Coulter Cart automatically levels the attached drill or other implement to match changing field conditions -- on the go from the tractor seat. Coulter penetration, depth gauging, opener tracking and the all-around versatility provided by the Coulter Cart are unmatched in the industry, according to Yetter.



One of the requirements for acceptance under BASF's Basa-Plan to help defray the cost of the Case IH 5200 Mounted Grain Drill is that it must be used with a Yetter 6600 Series Coulter Cart.

Em Tran Receives Governor's Award

ELIZABETHTOWN (Lancaster) — On May 16 Em Tran, Inc. was presented with a 1988 Governor's Export Award in the small company division for agricultural businesses at the 13th annual Pennsylvania International Trade Conference. The award is given for excellence in the expansion of world trade and outstanding efforts in the promotion of Pennsylvania exports abroad. Em Tran's export activities center on an intense frozen embryo export program which is coordinated by Steven A. Mower, Director of Export and Promotion.

Em Trans, Inc. currently houses over 300 in-house donors, the majority of which are involved in the frozen embryo export program. Em Tran was the first U.S. company to export bovine embryos to England, Italy, Argentina and Brazil. Export possibilities are opening in Japan, the Soviet Union, Spain, New Zealand and Ireland. Presently, 50 percent of the Em Tran staff is directly involved in the export program on a daily basis.

Em Tran, Inc. has headquartered in Elizabethtown, PA with a subsidiary division, Em Tran-West, in Turlock, California. Owners of the business are veterinarian Dr. Alan D. McCauley and reproductive physiologist Dr. John F. Hasler. The California operation is headed by veterinarian Dr. James R. Webb.

The Governor's Export Award in the small company division for agriculture was presented to Em Tran of Elizabethtown. Receiving the award were from left to right: Dr. Alan D. McCauley, co-owner & president of Em Tran, Inc.; Steve A. Mower, director of export & promotion, Em Tran, Inc.; Dr. John F. Hasler, co-owner & vice president of Em Tran, Inc.; Governor Robert P. Casey.

Unverferth Announces Acquisition Of Brent

KALIDA, OH — Unverferth Manufacturing Co., a leading producer of agricultural multiple wheel systems, tillage tools, and grain and hay handling equipment, has acquired selected assets of Brent Industries of Shell Rock, Iowa.

Under the new arrangement, Brent products, which include yield carts, gravity wagons, semi-truck grain trailers, stalk shredders, and a complete line of grain carts, will continue to be produced in the firm's Iowa location.

Announcing the acquisition, Unverferth President, Richard Unverferth, said, "One of our goals through the years has been to supply our customers with a selection of farm equipment as diverse as agriculture itself, and the addition of Brent brings us a step nearer that goal. It gives us not only one of the broadest ranges of well-built, American-made equipment available today, but also the resources of two well-equipped manufacturing facilities which will allow us to continue to expand our line in the future."

Tour Scheduled At New Pioneer Alfalfa Station

QUARRYVILLE (Lancaster) — A special one-day tour of a new alfalfa research station has been scheduled by Pioneer Hi-Bred International, Inc., for July 27 in Quarryville.

This will be the first public showing of the newly completed greenhouse built at the site, which is two miles southeast of Quarryville on Route 472, said Dave Jessen, plant breeder and station manager.

"This station really strengthens our position to develop varieties for the Northeast," Jessen said. "It was selected so we can expose potential new varieties to the same conditions they'd experience when planted by farmers."

Included in the program are forage specialists Les Vough from the University of Maryland, and Sid Bosworth from Pennsylvania State University.

Bill Fleet, field sales agronomy manager for Pioneer said the field day will include a variety of presentations.

"We've developed this as an educational event to inform people about alfalfa management. Variety development is an important part of that, but we'll spend much of the day talking about how farmers can make better use of those varieties on their own farm," he said.

Quarryville is one of five Pioneer alfalfa stations in the U.S. that concentrates on development of new varieties.

Registration opens at 10 a.m. A walking tour featuring Pioneer representatives and university specialists will be given throughout the day. Lunch will be served at the site. The general public is invited to attend the event.

More information is available from Dave Jessen or Bill Fleet, agronomy services manager at the Mt. Joy, Pa. office 717/653-5605.

NFU, Farmland Industries Officials Meet

KANSAS CITY, MO — National Farmers Union President Leland Swenson has urged Farmland Industries officials to maintain basic cooperative principles within FarmLand's "Project Tomorrow" restructuring proposal.

During a meeting at Farmland's Kansas City headquarters, Swenson called on Farmland President James Rainey to adhere to cooperative approaches of governing the system such as "one member-one vote."

Farmland officials unveiled "Project Tomorrow" earlier this year and touted it as a program to make the agribusiness giant more efficient and competitive. The proposal would raise the equity and patronage requirements local co-ops must meet to gain voting status with in Farmland. Presently, any local co-op that pays a $25 membership fee is eligible to vote, but Rainey contends that larger patrons of the regional co-op should be afforded greater control. "Project Tomorrow" would raise the requirements for membership of local co-ops in the Farmland system but maintain the one member-one vote principle for those co-ops meeting the requirements.

Following the meeting Swenson said, "We were in agreement that, in the face of the changing agricultural climate, cooperatives too, must make adjustments." Swenson pledged to help Farmland carry on the "basic cooperative principles" that he says have served co-ops and their farmer-owners well during changing times.

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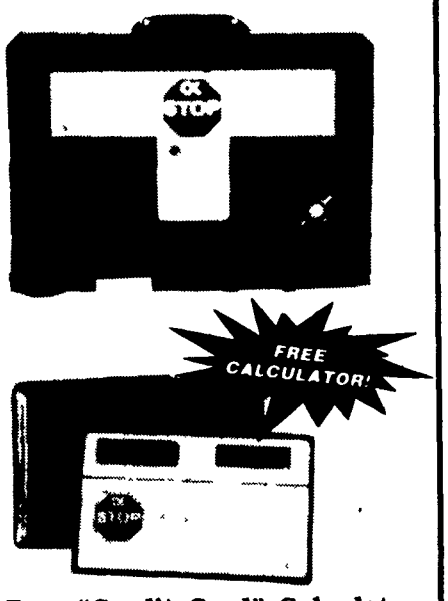

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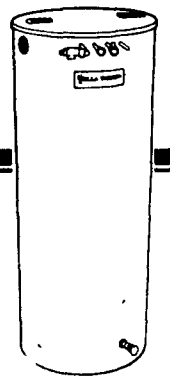

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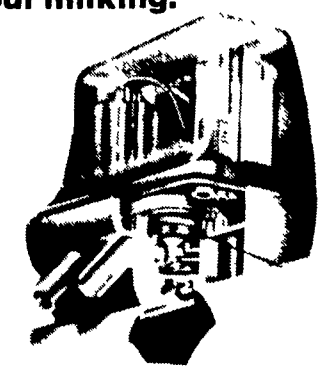

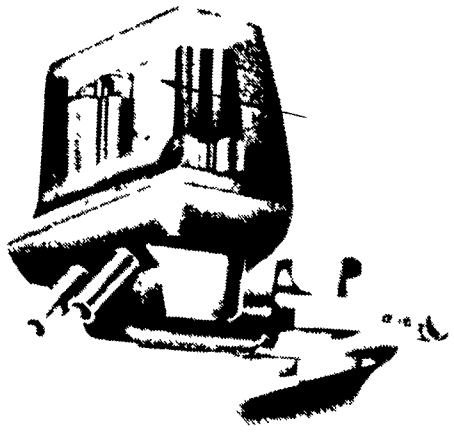

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Kuhn Mower Conditioners Deliver Maximum Efficiency Economy

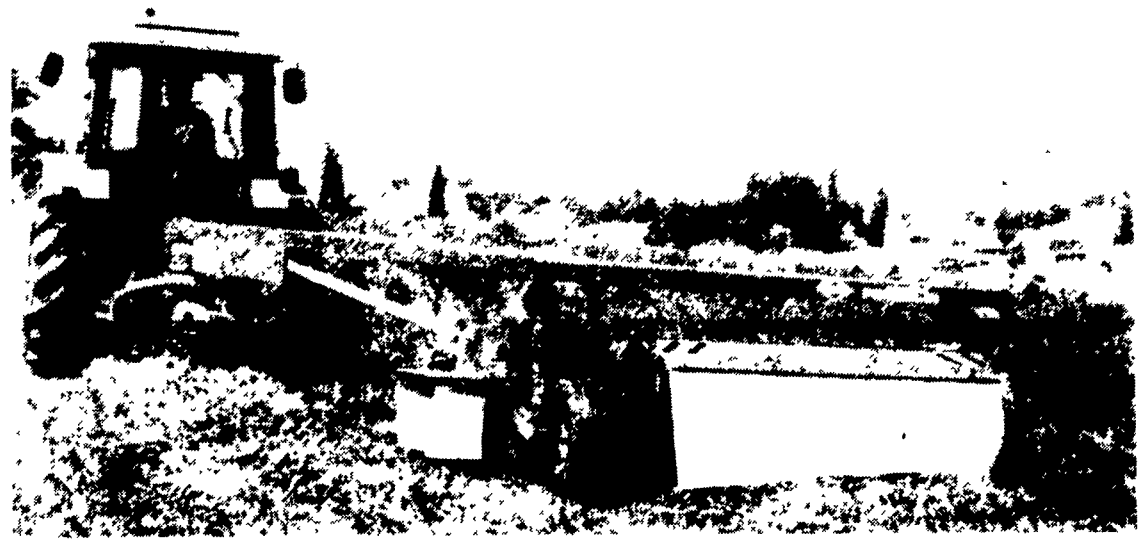
VERNON, N.Y. — Kuhn Farm Machinery has unveiled a new line of roller mower/conditioners designed to cut and condition crops, quickly and economically.

The Kuhn FC roller mower/conditioner series features three models that deliver optimum conditioning to a wide variety of crops. The Kuhn FC's utilize rubber rollers that gently strip away the crop stem's natural wax coating, allowing maximum moisture release without leaf damage. This even conditioning ensures excellent crop quality and higher nutritive value. The FC's rollers can be adjusted for conditioning intensity to meet the special handling requirements of specific crops. The FC 200 series, the smallest of Kuhn's mower/conditioners, has a working width of 6 foot 7 inches and requires 55 HP. The unit features 3-point mounting and works equally well on flat or contoured surfaces, due to adjustable heavy-duty suspension springs. Additionally, the FC 200 mower/conditioner has four cutting discs, each with two blades, and can yield a swath that's adjustable in width. For protection against damage, the FC 200 mower/conditioner features a safety breakback mechanism and tows in line with the tractor for trouble-free transport.

The FC 250 series and the FC 300 series, both towed models, provide working widths of 8 and 10 feet, and require 55 HP and 70 HP respectively. Designed for maximum output and greater efficiency in the field, Kuhn's two largest mower/conditioners operate at 7-9 mph or 6-7.5 acres per hour.

Like the FC 200, the FC 250 and the FC 300 can be used on flat or contoured surfaces without compromising cutting and conditioning quality. To meet the special needs of individual operators, both the FC 250 and the FC 300 come with quick-change shafts of 540 rpm and 1000 rpm. The exclusive Kuhn Gyrodine swivel hitch is also available, and allows the operator to adapt the FC 250 or FC 300 to the tractor PTO speed without the need of special tools. In addition, the Gyrodine hitch also gives the unit superior turning maneuverability and reduces drive-train chatter and fatigue. Like the FC 200, both the FC 250 and FC 300 models provide adjustable swaths and tow directly in line with the tractor.

For more information on Kuhn's full line of FC roller mower/conditioners, contact Kuhn Farm Machinery, Inc., P.O. Box 224, Vernon, New York 13476.



The Kuhn FC mower conditioner series have rubber rollers that gently strip away the crop stem's natural wax coating, allowing maximum moisture release without leaf damage.

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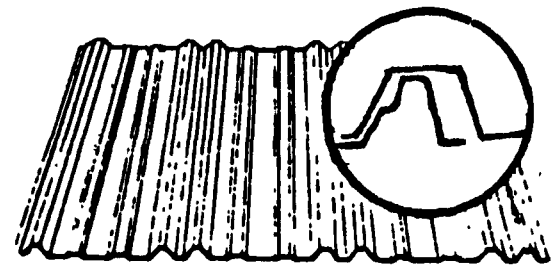

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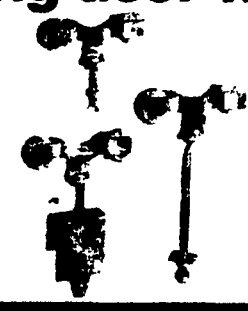

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Unverferth's Yield Cart Tests Quickly, Accurately

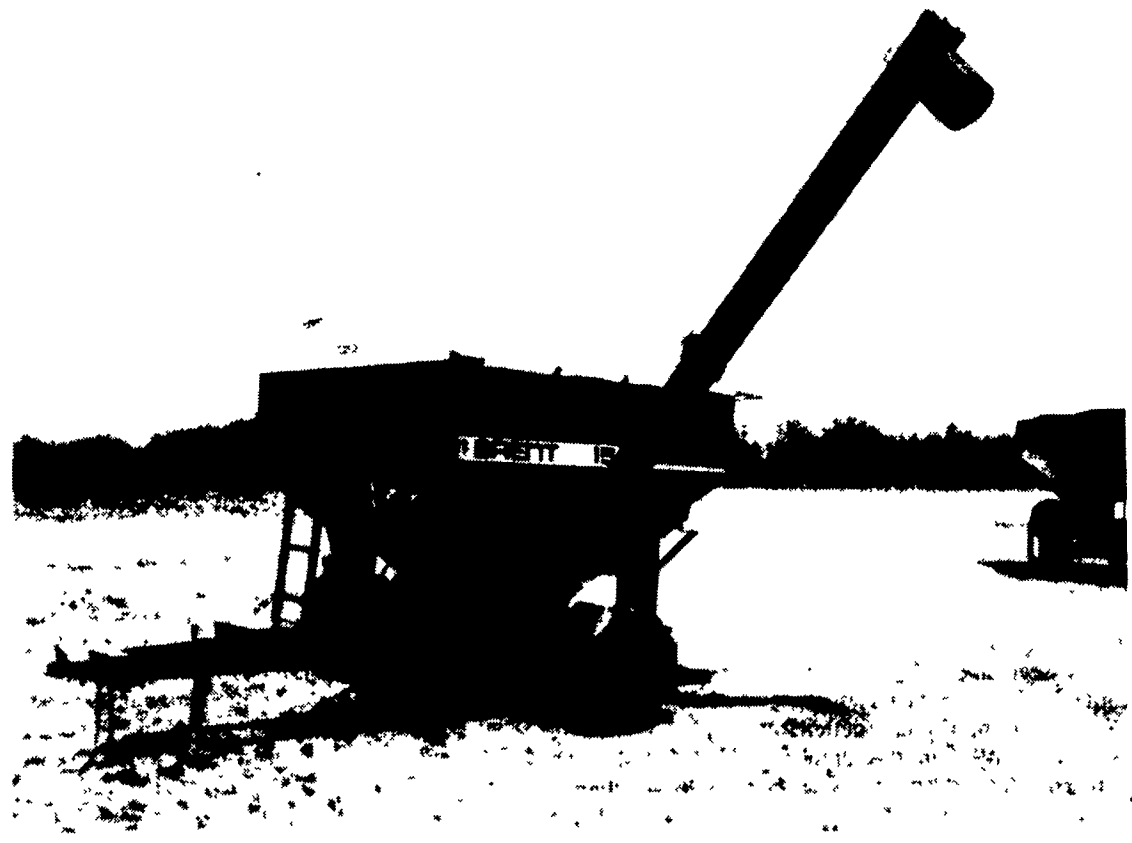
KALIDA, OH — The 150-bushel Brent® YieldCart™, which provides fast, reliable yield testing with 99.5% accuracy, is now available from Unverferth Manufacturing Company, Inc.

Popular with seed companies, universities, research organizations and government agencies, the YieldCart™ has a three-point load cell system featuring a fully sealed electronic scale system with digital readout in 5-, 10-, or 20-pound increments.

The YieldCart's exclusive hydraulic tuck-away folding-auger design provides a trim, low profile on the road and ample discharge height in the field. A positive bell-crank auger lock eliminates troublesome gaskets, bolts and clamps. The auger's nine-inch diameter allows three-minute unloading. The YieldCart is designed with center unloading and outside flow control for 100 percent cleanout.

The YieldCart may be specified with a 16-horsepower engine equipped with electronic ignition and electrical start or power-take-off (PTO). Other standard features include leaf-spring suspension, viewing window, front ladder and complete lighting system. A built-in auxiliary PTO shaft which allows PTO power to be used in emergencies, thus eliminating downtime, is also standard. Optional features include roll-top tarp and a slip-clutch protected PTO shaft.

For free literature or more information contact Unverferth Manufacturing Co., Inc., Box 357, Kalida, OH 45853, telephone 800-533-3317, 800-772-7229 inside Iowa. FAX 319-885-6576.



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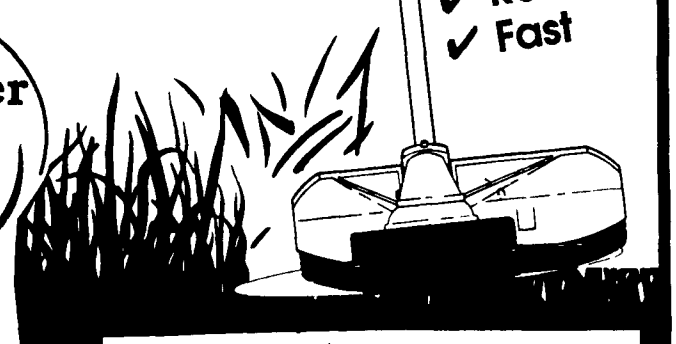

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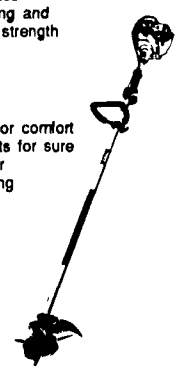

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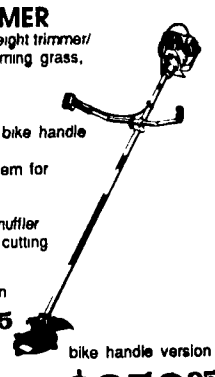

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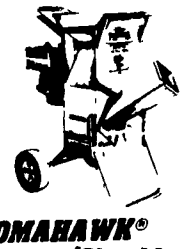

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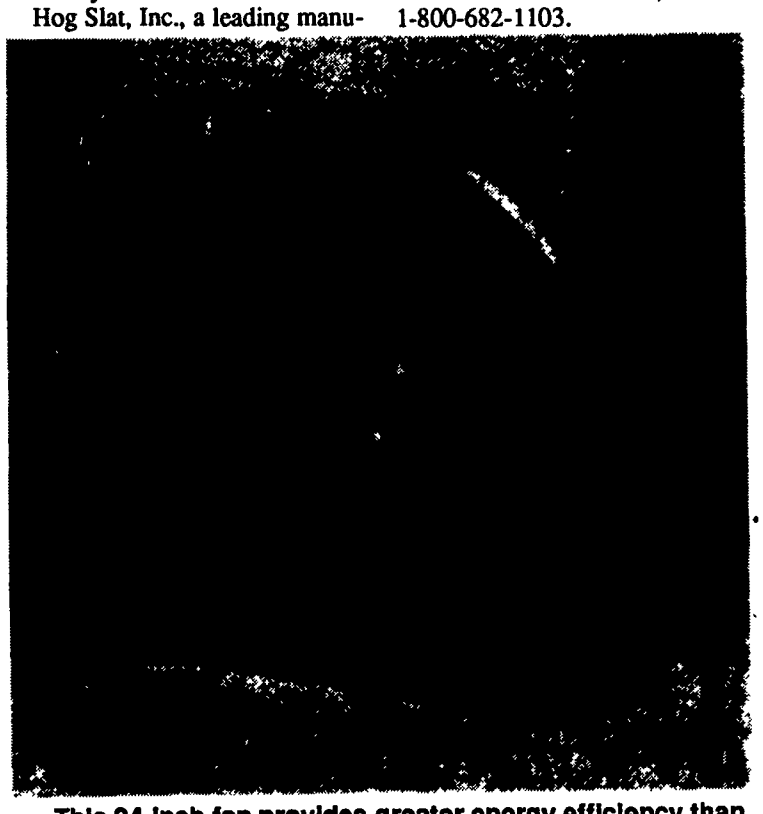
Small, Efficient Fans Offered By Hog Slat

NEWTON GROVE, NC — Hog Slat Inc., recently announced a new air-circulating and cooling unit that is smaller than conventional models, yet equally powerful. The 24-inch CircuFan model provides greater energy efficiency, for reduced overhead, and fits into tighter spaces. It also has the added value of coming fully assembled for easy installation.

According to Gary Duncan, company spokesman, the compact fan is ideal for breeding, gestation and finishing houses.

Each unit is constructed of hot dipped, galvanized, corrosion-resistant housing with a totally enclosed, ½ H.P. epoxy-coated ball-bearing motor. Shafts and tie bolts are made of stainless steel. Pre-assembled mounting brackets and pre-wired, heavy-duty cord assembly are included.

Hog Slat, Inc., a leading manufacturer of hog production equipment, specializes in complete turn-key facilities. For additional information on the new Hog Slat fan, or other products, write or call: Gary Duncan, Hog Slat Inc., P.O. Box 308, Newton grove, NC, 28366; (919) 594-0219; US 1-800-334-6465, NC 1-800-682-1103.



This 24-inch fan provides greater energy efficiency than standard models and fits into tighter spaces.

Pinkeye Should Be Treated

BY L.J. HUTCHINSON and C.M. BURNS
PSU Vet. Science Ext.

STATE COLLEGE (Centre) — Pinkeye or Infectious Bovine Karatoconjunctivitis (IBK) is an acute infectious disease in cattle. Pinkeye occurs world over and in all seasons of the year. It is mostly noticed during the summer and autumn months when cattle are on pasture and exposed to intense light and flies. Cattle of all ages and both sexes can become infected, but pinkeye is more commonly seen and more severe in cattle under two years of age. Cattle with nutritional deficiencies, especially vitamin A, or those with white faces are more susceptible to IBK.

Moraxella bovis and an unclassified virus are believed to cause pinkeye. Carriers of these organisms can winter over without showing signs of infection. Once an outbreak begins, the microorganisms can be spread within a herd by nasal or ocular secretions of the spray from a cough or sneeze. The bacterium and virus can also be spread by clinging to dust or the bodies of flies.

The incubation period is 1 to 20 days and the course of the disease can last from 2 to 4 weeks. The first signs of pinkeye can be a decrease in appetite and milk production. The animal will often separate itself from the rest of the herd. Watering of the eyes and swelling of the lids are generally the first visible symptoms. The eye may become covered with a white film. At times, raised yellow areas break open leaving painful, red ulcers.

Eye ointment or drops with antibiotics have been successful in treating IBK. To further protect affected eyes, they should be covered with a patch. To help prevent the spread of pinkeye, steps should be taken to minimize predisposing factors. A dye painted around the eyes of white-faced cattle decreases the glare of the sun rays.

Dust and sunlight are not easily controlled but efforts can be made to provide shade. Fly control with dusts and sprays have also been helpful. A vaccination program can offer protection from pinkeye. For the best results, three injections need to be given at 14-day intervals. This should be done approximately 6 weeks before pinkeye outbreaks occur in your area.

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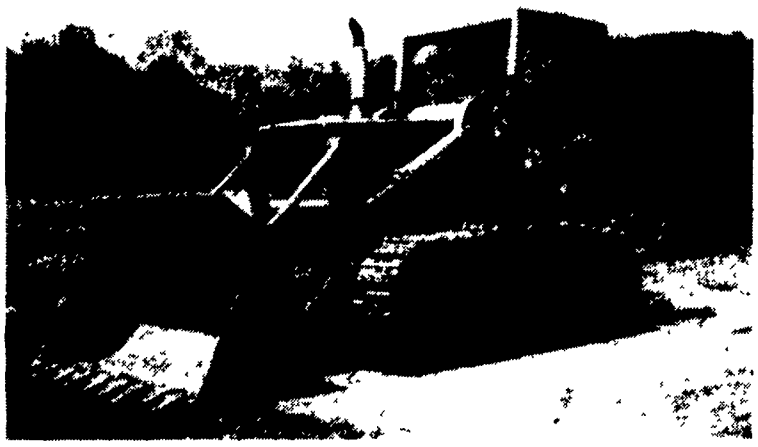

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Bedell Joins Genesis Swine Breeders

CARLISLE (Cumberland) — Genesis Swine Breeders is pleased to announce James P. Bedell has joined the company as general manager. Genesis Swine Breeders markets breeding stock from a 600 sow nucleus herd and 800 sow multiplier unit. Plans are underway for an additional sow multiplier unit in 1988. Jim Bedell will oversee all development and production of Genesis breeding stock.

Genesis Swine Breeders is owned and operated by White Oak Mills, a feed company founded in 1976 by John and Mark Wagner. White Oak Mills provides sales and service to both independent and contract swine producers in Southeastern Pennsylvania and areas of Delaware, Maryland and New York. The company offers feed marketing and complete services along with computerized record keeping systems.

Jim Bedell brings to Genesis Swine Breeders a vast amount of experience and expertise. Born in Florida, Jim was very active in FFA in high school. He attended the University of Florida where he graduated with a Bachelor of Science degree in agriculture majoring in animal science. After graduation, Jim worked as associate manager at Hi-Lean Producers, an 1,100 sow farrow-to-finish operation near Jacksonville. He then spent 2½ years as assistant hog operations manager for Continental Grain Company in Georgia, before purchasing and operating his own farm, "Faith Farms of Ashburn", where he was nominated for Georgia Pork All-American.

James P. Bedell

TANKS

BASEMENT OIL STORAGE TANKS

Capacity (Gallons)	Size	Gauge (Thickness)	Weight (Pounds)	Type	Price FOB Quarryville
275	27"x44¼ "x60"	14	210	Vertical	$132.00
275	27"x44¼ "x60"	14	210	Horizontal	$132.00
275	27"x44¼ "x60"	12	275	Vertical	$157.00
275	27"x44¼ "x60"	12	275	Horizontal	$157.00

"LIGHT DUTY" SKID TANKS

Capacity (Gallons)	Diameter	Length	Gauge (Thickness)	Price FOB Quarryville
300	3'2"	5'0"	14	$246.00
300	3'2"	5'0"	12	$268.00
500	4'0"	5'5"	12	$395.00
500	4'0"	5'5"	10	$446.00
500	4'0"	5'5"	7	$552.00
1000	4'0"	10'9"	10	$681.00
1000	4'0"	10'9"	7	$809.00

NEW STEEL UNDERGROUND FUEL STORAGE TANKS

Capacity (Gallons)	Diameter	Length	Gauge (Thickness)	Weight (Pounds)	Price FOB Quarryville
285	3'0"	5'6"	12	277	$189.00
550	4'0"	6'0"	10	537	$294.00
550	4'0"	6'0"	7	738	$367.00
1,000	4'0"	10'8"	10	845	$500.00
1,000	4'0"	10'8"	7	1,158	$578.00

NEW STEEL UNDERGROUND STI-P3 FUEL STORAGE TANKS

Capacity (Gallons)	Diameter	Length	Gauge (Thickness)	Weight (Pounds)	Price FOB Quarryville
285	3'0"	5'6"	10	359	$ 501.00
550	4'0"	6'0"	7	831	$ 734.00
1,000	4'0"	10'8"	7	1,266	$1,038.00
2,000	5'4"	12'0"	7	1,914	$1,525.00
3,000	5'4"	18'0"	7	2,657	$1,972.00
4,000	5'4"	24'0"	7	3,403	$2,434.00

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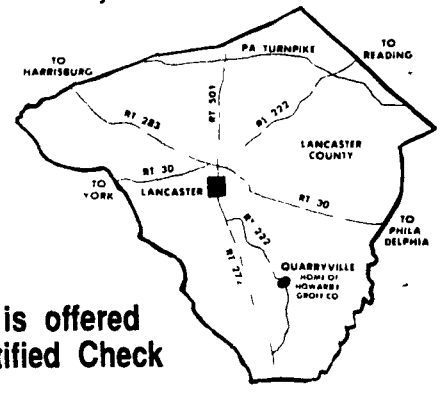

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Governor's School For Ag Opens At Penn State

UNIVERSITY PARK (Centre) — This summer, 65 of Pennsylvania's brightest high school students will study the effects of acid rain on plants, learn about the international aspects of agriculture, dairy production economics and the use of a scanning electron microscope. These are but a few of the projects planned for students at the Pennsylvania Governor's School for Agriculture, to be held at Penn State from July 3 to August 6.

The academically talented scholars will spend five weeks in an intensive, research-based program studying the science, technology and policy of food, agriculture and natural resources.

The Governor's School curriculum is made up of core courses, electives and independent research projects. Core courses include animal physiology, food science, genetics and leadership development. Electives include computer expert systems, food engineering processes, forestry, management of insect populations, pest control and wildlife management.

In addition, each student will work individually with a faculty member in the College of Agriculture on an independent research project.

The Governor's School is sponsored by the Pennsylvania Department of Education, the state's intermediate units and Penn State's College of Agriculture. All participants receive full scholarships to the program.

"The goal of the program is to expose the students to all facets of agriculture, which is the state's largest industry," said Alan Finnecy, assistant director of the Governor's School. "They will have hands-on experience in the laboratories, greenhouses and fields, and will travel to some of the state's largest agribusinesses, such as Hershey Foods and Woolrich Woolen Mills."

"Our scientists enjoy teaching the Governor's School scholars, because the students are so enthusiastic and inquisitive," commended James H. Mortensen, director of the Governor's School. "It's very rewarding to teach bright, hardworking students of any age."

Pennsylvania's Governor's Schools also are offered in the arts, sciences, business and international studies. Questions about the Governor's School for Agriculture can be directed to the Governor's School office at Penn State, (814) 865-7521.

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Monthly Report

BREED CODES

1—Ayrshire	4—Jersey	7—Red Dane
2—Guernsey	5—Brown Swiss	8—Mixed
3—Holstein	6—M. Shorthorn	9—Red and White

April, 1988

A Registered Holstein cow owned by Galen C. Martin, R.D.#4, Box 55, Honey Brook. Dimond produced 24,120 lbs. of milk, 1,070 lbs. of butterfat with a 4.4% test. Second high lactation was completed by a Registered Holstein cow owned by Hiram S. Aungst, R.D.#1, Elizabethtown. Holly produced 25,155 lbs. of milk, 1,027 lbs. of butterfat with a 4.0% test in 305 days.

First 305 Days Of Lactation With 760 Or More Lbs. Of Butterfat.

Owner-Cow's Name	Brd	Age	Days	Milk	Test	Fat
Galen C. Martin						
Dimond	RH	5-5	305	24,120	4.4	1070
Luck	RH	2-9	305	19,044	4.0	764
Hiram S Aungst						
Holly	RH	6-2	305	25,155	4.0	1027
Curtis E Akers						
Tiger	RH	3-9	305	26,547	3.8	1025
Pixie	RH	4-2	305	24,234	3.6	879
Jill	RH	10-8	305	21,577	3.5	773
Penny	RH	3-2	291	17,952	4.2	760
Paul D Welk						
Step	RH	4-6	305	26,753	3.6	988
Satin	RH	5-10	305	19,709	4.2	841
Gigit	RH	3-10	305	21,245	3.9	840
Posey	RH	5-1	305	17,766	4.3	769
JS Smucker & Sons Farm#2						
647	RH	3-6	305	28,155	3.4	963
667	RH	3-2	305	24,456	3.8	949
652	RH	3-5	305	23,396	3.5	824
575	RH	5-7	305	23,214	3.4	802
John Omar Stoltzfus						
Shiner	RH	7-2	305	21,027	4.5	960
Whip	RH	4-3	305	24,408	3.8	938
Locket	RH	7-3	305	20,604	4.1	859
Cindy	RH	5-1	305	24,060	3.1	767
Fertrell Farm						
Fonda	RH	6-1	305	26,479	3.6	959
128	GrH	3-9	305	24,833	3.5	869
Mindy	RH	3-11	305	20,403	3.9	813
Aaron S Glick & Sons						
20	GrH	8-1	305	27,662	3.4	959
5	GrH	6-9	305	22,212	4.1	923
103	GrH	8-6	305	18,283	4.2	775
Dale & Steve Hershey						
Barb	RH	6-3	305	28,240	3.3	958
Jane	RH	6-7	305	24,793	3.5	868
Ruby	RH	5-4	305	23,335	3.6	840
Loren L Zimmerman						
Princes	RH	4-1	305	22,723	4.1	948
Patty	RH	3-9	305	25,223	3.7	934
EM	RH	3-8	291	19,360	4.1	803
John S Zimmerman						
20	GrH	5-3	305	22,928	4.1	945
30	RH	4-6	305	21,573	4.2	908
23	GrH	3-5	305	19,765	4.2	848
40	GrH	5-10	305	23,230	3.5	822
Henry U Stoltzfus Jr						
Bubbles	RH	2-3	305	24,398	3.8	935
Vanity	RH	3-5	305	26,178	3.5	923
Mellon	RH	2-4	305	24,374	3.5	856
Megan	RH	3-7	305	19,635	3.8	762
David & Robin Dum						
245	RH	2-11	305	22,573	4.1	931
128	RH	7-9	305	22,124	3.8	847
Kevin S Smoker						
Tiney	RH	5-8	305	24,840	3.7	926
Kirsten	RH	3-9	305	23,930	3.3	804
Dale R Metz						
32	RH	6-11	305	23,359	3.9	926
86	GrH	6-3	305	21,418	4.1	883
9	GrH	5-10	305	23,352	3.4	801
27	GrH	5-6	305	20,445	3.8	789
Carl L Martin						
Pam	RH	5-11	305	24,111	3.8	925
Marge	RH	10-1	305	18,669	4.1	778
Welsh Hill Farms						
59	RH	6-6	305	23,885	3.8	923
266	RH	5-9	305	25,325	3.4	874
245	RH	5-7	305	22,639	3.7	858
Shadytop Farm						
Andrea	RH	4-9	305	28,021	3.2	916
Thomas C Lapp						
Millie	RH	4-8	305	23,614	3.8	915
Norman L Hershey						
Patty 57	RH	7-1	305	21,218	4.3	915
Raymond E Reitz						
Louann	RH	3-8	305	22,905	3.9	913
Crissie	RH	3-3	305	20,465	3.9	803
Delmar H Wenger						
Peggy	RH	2-3	305	25,042	3.6	911
Zipper	RH	5-6	305	21,890	3 7	821
Erma	RH	4-2	305	22,030	3.4	762
J Harold Fritz						
112	RH	5-9	305	24,152	3.7	910
63	GrH	7-2	305	21,499	3.8	837
64	GrH	5-6	305	21,691	3.8	835
38	GrH	7-4	305	24,849	3.1	792
9	GrH	7-0	305	22,439	3.4	775
Lloyd B Sensenig						
Carmel	RH	2-3	305	21,032	4.3	904
August	GrH	4-5	305	19,246	4.0	769
A Dale Herr						
103	GrH	6-11	305	23,979	3.7	902
Richard N Sauder						
Hilary	RH	5-3	305	23,714	3.8	902
Glenn R Binkley						
95	RH	2-1	305	22,211	4.0	902
18	RH	6-9	291	20,231	3.8	783
15	RH	6-10	305	22,451	3.4	772
Parke H Ranck						
Margo	RH	4-7	305	18,948	4.7	894
Cindy	RH	5-6	305	19,805	3.9	782
Earl B Reiff						
Maryfay	GrH	4-8	305	24,365	3.6	893
Ono	RH	3-5	305	19,085	4.0	776
Robert H Rohrer & Sons						
202	GrH	5-1	305	24,233	3.6	892

(Turn to Page D13)

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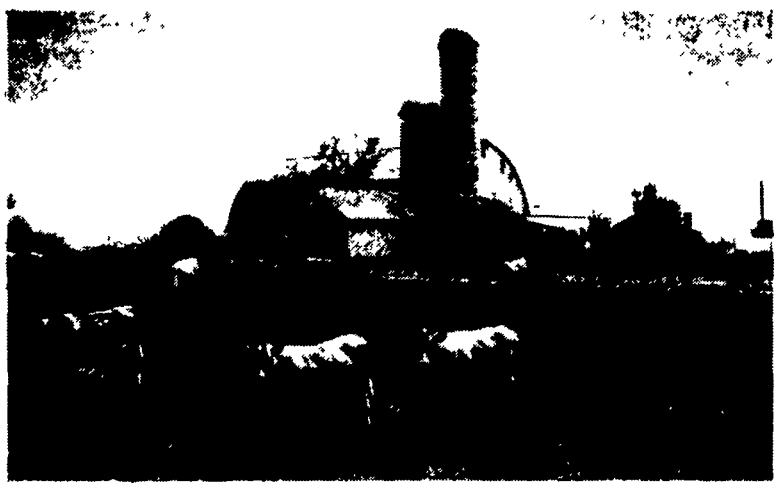

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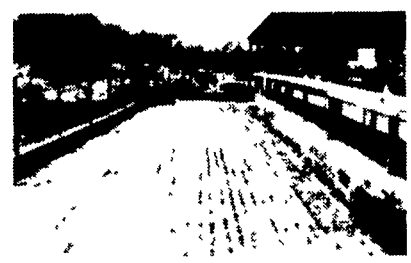

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(Continued from Page D12)

369	GrH	4-8	305	21,699	4.0	880
139	RH	4-11	305	25,298	3.4	871
277	GrH	3-5	305	22,331	3.8	863
332	GrH	4-0	305	26,737	3.1	846
261	GrH	2-10	305	21,811	3.8	836
331	GrH	4-2	305	21,389	3.7	807
129	GrH	6-3	305	19,994	4.0	806
317	GrH	4-5	305	21,911	3.6	804
268	RH	3-1	305	21,373	3.7	795
30	GrH	4-7	305	18,515	4.2	786
179	GrH	5-11	305	20,586	3.8	784
Jonas B Stoltzfus						
Bunky	GrH	8-4	305	24,678	3.6	891
Center Springs Farm						
Merry	RH	4-0	305	20,303	4.3	891
Burk-Dell Farm						
231	RH	4-6	305	23,279	3 8	889
Robert W Ulrich Jr						
Winnie	RJ	5-0	305	18,726	4.7	886
Ivan Zook & Sons						
151	RH	5-10	305	22,495	3.9	884
Darryl Bollinger						
Patsy	RH	5-1	283	24,764	3.5	882
Jackie	RH	4-10	305	25,110	3 1	781
Kreider Dairy Farms						
184	GrH	3-4	305	20,014	4.4	882
2	GrH	4-3	305	17,839	4.5	819
73	GrH	4-3	305	21,285	3.8	810
4	GrH	4-0	305	18,655	4.1	782
826	GrH	3-10	305	18,573	4.1	779
Elmer M High						
2	RH	4-8	305	21,739	4.0	879
20	RH	3-5	305	20,051	4.3	879
29	GrH	4-2	305	26,690	3.2	870
44	RH	6-8	305	23,867	3.6	862
Kenneth L Beiler						
Reta	RH	7-5	305	20,238	4.3	878
Aaron Z Martin						
71	RH	2-1	305	21,899	4.0	877
Ammon E Reiff						
Wanda	RH	3-1	305	20,619	4.2	876
Walter M Hurst						
163	GrH	7-4	305	25,986	3.3	870
4	GrH	6-4	305	22,423	3.7	834
Curvin W Nolt						
106	RH	4-3	305	22,560	3.8	870
95	RH	4-11	305	19,211	4.0	780
Vernon E Umble & Son						
Beaut	RH	4-1	305	26,720	3.2	869
Toye	RH	3-0	305	22,001	3.5	776
Graywood Farms						
10	GrH	6-4	305	24,222	3.5	868
397	GrH	3-7	305	21,656	3.7	818
518	GrH	4-7	292	18,734	4.1	779
357	GrH	4-1	283	18,190	4.2	771
56	GrH	5-3	305	19,964	4 5	769
154	GrH	3-7	305	19,438	3.9	762
Ferncrest Farm						
364	RH	5-7	305	22,079	3.9	863
385	RH	5-1	305	22,967	3.4	798
Warren Z Good						
107	RH	6-2	305	21,635	3.9	863
George M Hurst						
486	RH	5-11	305	20,259	4.2	863
278	RH	4-5	305	25,268	3.2	827
119	RH	5-3	305	19,274	4.2	826
496	RH	5-10	294	19,169	4 0	773
Ivan S Stoltzfus						
Beige	RH	3-5	305	20,163	4 2	863
Ken & Nelson Stoner						
185	RH	3-10	305	19,936	4.3	862
8	RH	4-10	305	23,720	3.5	830
20	RH	4-5	305	19,283	4.2	821
79	RH	2-3	305	18,179	4 3	789
Samuel F Long						
Pat	RH	6-9	305	23,842	3.6	860
Wilmer L Shertzer						
16	GrH	5-4	303	19,500	4 4	859
Marlin R Beiler						
Myra	RH	5-3	305	23,314	3.6	858
Barb	RH	5-0	305	22,817	3.4	777
Roy E Sensening						
69	RH	5-1	305	22,770	3.7	857
12	GrH	4-4	305	20,550	3.9	805
Adam & Jerene Zimmerman						
Miracle	RH	1-10	305	22,589	3 7	856
David K Stoltzfus						
Joy	GrH	5-0	305	24,410	3 5	855
Delmar & Susan Weaver						
72	GrH	5-2	305	23,670	3.6	854
Ellis D Kreider						
257	GrH	3-0	305	22,677	3 7	854
Calvin D Keene						
Blnch 10	GrH	4-7	305	19,194	4.4	854
Amos B Stoltzfus Fm Z						
Dee	RH	5-8	305	19,387	4.3	852
Earl S Weaver						
Joy	RH	3-5	305	18,990	4.4	852
Violet	GrH	3-0	305	20,420	4.1	844
Mindy	RH	3-8	305	22,221	3.7	836
Day	RH	5-5	295	19,862	4.0	794
Marvin K Witmer						
Mattie	RH	4-4	305	24,945	3.4	848
Paul S Sauder						
Sikly 92	RH	5-7	305	22,687	3.7	848
Joy 100	RH	5-5	305	20,541	3.8	792
Nathan E Stoltzfus						
Pompae	RH	6-8	305	21,996	3.8	846
Ponder	RH	6-2	305	21,296	3.6	786
Homer G Hess						
Wren	GrH	3-10	305	21,539	3 9	844
Pam	RH	1-11	305	20,623	3 7	764
JS Smucker-Sons Farm#1						
683	RH	2-11	305	21,250	3.9	843
496	RH	6-1	305	19,692	4.1	816
742	RH	2-0	305	19,995	3 8	764
Meadow Springs Farm						
Katy	RH	5-6	305	20,871	4.0	843
John H Howard						
Shasta	RH	3-1	305	23,526	3 5	842
Donald B Trimble						
28	GrH	5-2	305	22,278	3 7	842
Spring Belle Farm						
Mindy	RH	8-3	305	21,327	3 9	842
Glen N Martin						
167	GrH	3-2	305	20,171	4 1	842
Glenn R Bushong						
Faye	GrH	3-7	298	22,110	3 8	842
Georgie	GrH	3-0	272	20,312	3 7	762
John & Barb Brubaker						
Posey	RH	5-11	305	25,552	3 2	841
Miranda	RH	4-4	305	25,685	3 1	811
Lisa	RH	2-1	305	21,634	3 7	805
Bea	RH	4-6	305	19,027	4 2	805
Claude D Miller Jr						
Piney	RH	4-1	305	24,331	3 4	841
Indepen	RH	3-1	242	17,471	4.5	793
Jan	RH	5-10	305	19,497	3 9	772
Pequea Meadows Farm						
55 Glit	RH	3-10	305	20,785	4.0	840
50 Bebe	RH	4-1	305	18,426	4.4	813
44 Kool	RH	4-4	305	25,549	3.1	812
Kenneth L Zurin						
226	RH	5-3	305	20,694	4.0	840
Daniel M Stoltzfus						
Dolly	GrH	4-6	295	22,933	3.6	837
Babe	GrH	6-4	265	21,721	3.6	788
Cecil	RH	4-7	305	20,669	3.7	767
Penn Hill Farm						
85	GrH	6-3	305	20,315	4.1	838
83	GrH	2-11	305	20,856	3.9	813
Joseph W Best & Sons						
41	GrH	3-11	305	21,167	3.9	835
Donald M Eckman						
Nettie	GrH	4-9	305	15,505	5.3	833
Lacey	GrH	3-7	305	20,598	3.9	815
J Robert Kindig						
Sugar	RH	4-6	305	23,215	3.5	830

(Turn to Page D14)

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Erb & Henry Equip., Inc.
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Sanford Equip. Co.
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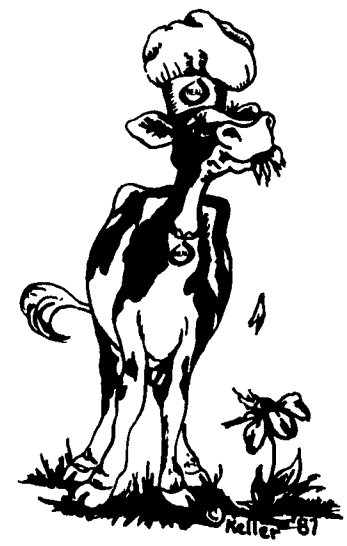
Tri County Equipment
609-697-1414

Lancaster Co. DHIA

(Continued from Page D13)

Larue	RH	6-10	305	22,946	3.6	827
Aurora	RH	4-11	267	26,628	3.1	825
Robert L Shelly						
Pet	RH	5-7	305	24,304	3.4	828
Patches	RH	6-7	305	23,482	3.3	790
Print	RH	7-7	305	23,059	3.4	790
Parla	RH	3-1	305	20,672	3.6	763
Conestoga Farms						
Jamie	RH	5-1	305	22,510	3.6	828
Darla	RH	3-11	305	20,154	4.0	810
James A Hess						
Glimmer	RH	7-2	305	22,194	3.7	828
Nelson H Wenger						
Danae	RH	5-9	305	17,217	4.8	828
Harry L Troop						
Becky	RH	3-9	305	26,748	3.0	827
Long Acres Farm						
20	GrH	7-2	305	20,052	4.1	827
181	GrH	4-4	305	20,896	3.9	822
Kreider's & Nickle						
39	GrH	5-11	305	20,892	3.9	826
190	GrH	3-10	305	20,017	4.0	805
Running Springs Farm						
Laura	RH	7-2	305	22,329	3 6	825
Kandy	RH	3-6	296	20,739	3.8	797
Shelmar Acres						
Credit	RH	4-5	305	22,210	3.7	824
Selena	RH	5-2	305	22,035	3 4	769
Ivan M Hursh						
Wendy	RH	4-5	305	23,437	3.5	822
Aline	RH	3-3	305	20,994	3 8	812
John Omar Stoltzfus Jr						
Trudy	RH	4-3	305	22,205	3 6	820
Eshville Farm						
19B	GrH	5-4	305	20,953	3.9	818
Glenn E Burkholder						
Peg	RH	3-1	305	20,860	3.9	818
Stephen L Hershey						
52	RH	3-2	305	19,999	4.0	818
Meadow Vista Farm						
Cinder	RH	2-11	300	19,866	4.1	818
Liz	RH	6-10	305	20,141	3.9	801
Earl H Hoover						
37	GrH	3-9	305	18,252	4.4	814
Kerry & Deborah Boyd						
Cindy	RH	3-1	305	20,483	3.9	813
Robert Kauffman Jr						
Jewel	RH	5-10	305	17,987	4.5	813
John Z Beiler						
Etta	RH	4-10	305	24,506	3.3	812
Jane	RH	3-0	305	16,852	4.5	772
Crystal	RH	2-11	305	19,947	3.8	765
H Landis Weaver						
Carin	RH	4-8	305	22,569	3.5	810
June	RH	3-9	305	21,570	3.6	787
Welk Acres Farm						
Bonnie	RH	4-7	305	18,654	4.3	810
Joseph C Wivell						
King	RH	8-6	298	21,051	3.8	809
Spring Lawn Farm						
148	RH	5-6	305	21,040	3.8	809
Kenneth B Garber						
Lisa	RG	6-11	305	18,115	4.4	808
Maplebrink Farm						
72	GrH	2-2	305	23,091	3.4	806
Marbro Farm						
Cookie	RH	4-6	305	21,564	3.7	805
Janice	RH	6-1	305	21,159	3.7	788
Andrea	RH	3-1	305	21,563	3.6	785
John Allen Wenger						
71	RH	3-6	305	19,952	4.0	804
65	RH	4-5	305	17,466	4.4	777
15	GrH	7-0	305	22,801	3.3	761
Luke E Martin						
55	GrH	6-7	292	19,416	4.1	804
18	GrH	4-6	305	18,093	4.2	761
Tritown Farm						
Lacy 17	RH	4-6	305	23,254	3.4	803
Hickory Grove Farm						
Fran	GrH	0-0	305	19,620	4.0	803
John R & Rick Groff						
Rhonda	RH	4-0	305	22,462	3.5	802
Robert H Kauffman						
Frisbe	RH	4-3	305	20,987	3.8	802
Nathan P Stoltzfus						
Reda	RH	5-2	305	22,315	3.5	801
Daisy	RH	3-0	289	18,208	4.2	780
Earl M Martin						
65	GrH	5-3	305	20,969	3.8	801
LeRoy R Martin						
106	RH	3-7	305	20,452	3.9	801
11	RH	3-9	293	20,752	3.7	774
Samuel L Stoltzfus						
Ruth	GrH	8-0	297	20,023	4.0	801
Neffdale Farm						
Ideal	RH	4-11	305	17,177	4.6	801
MB & Gary Stoltzfus						
24	GrH	4-3	305	20,101	3.9	798
126	GrH	4-4	285	15,023	5.1	776
Gerald Martin						
Penny	RH	6-1	305	19,902	4.0	798
Oak Meadow Farm						
Alto	RH	2-0	305	19,206	4.1	797
Donald B Trimble						
Adalia RBRSW 7		7-9	305	18,776	4.2	79
Weaver Homestead Farm						
50	GrH	4-5	305	22,361	3.5	795
Karl W Herr						
131	GrH	5-7	305	21,335	3.7	795
134 Ruth	RH	5-3	305	19,530	4.0	790
Aaron M Fisher						
Elsa	GrH	5-10	305	18,392	4.3	795
Clay Farm						
Joyce	RH	7-6	305	22,845	3.4	794

(Turn to Page D15)



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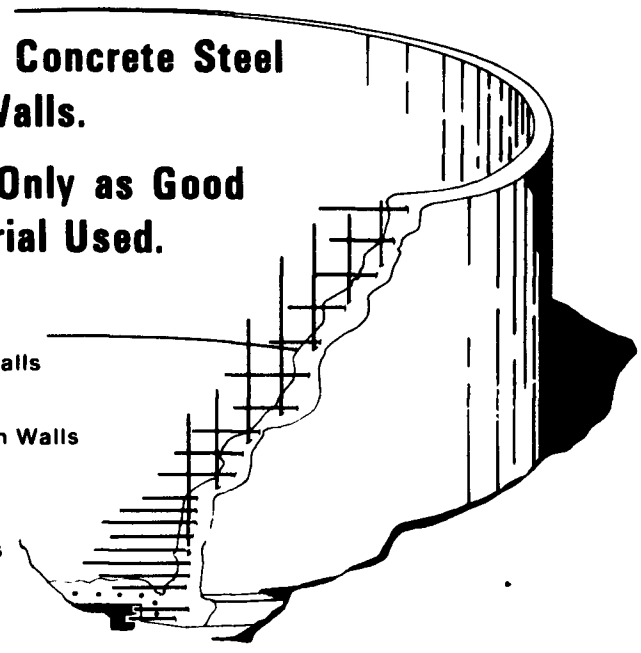

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- Concrete Decks
- House Foundation Walls
- Cistern Walls
- Barnyard Walls
- Concrete Pit Tops
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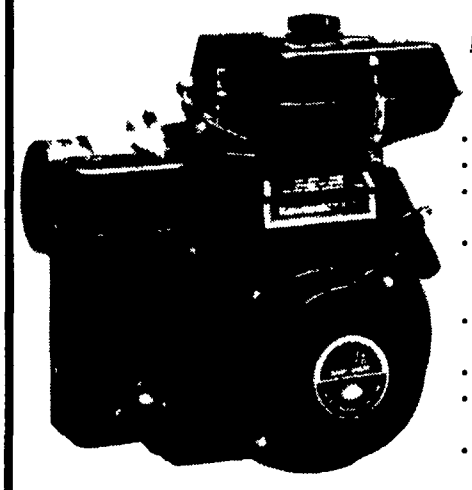

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717/966-3821

Sensenig Diesel Service
RR 3 - Box 97
Selinsgrove, PA 17870

Zook Engines
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Honey Brook, PA 19344

Shirk's Repair Shop
RD #2 Pool Road
Ephrata, PA 17522
717/859-2797

Spring Garden Repair
145 Spring Garden Rd
Kinzer, PA 17535

Smucker's Repair Shop
94 Summit Hill Dr
Strasburg, PA 17579

Lapp's Sharpening Service
RR 2 - Box 276
Myerstown, PA 17067

Beiler Engine Service
280 Pennsy Rd
New Providence, PA 17560

Beiler's Repair
RR2 - Box 54
Watsontown, PA 17777

Lancaster Co. DHIA

(Continued from Page D14)

J Marvin Herr						
96	RJ	3-4	305	14,041	5.6	794
David R Stoltzfus						
86	GrH	6-0	305	23,301	3.3	791
Clair Oberholtzer						
May	GrH	2-11	291	16,894	4.6	790
Bennie L Fisher						
Salom 38	RH	5-5	305	20,502	3.8	789
Rohrer Brothers						
Vivian	RH	9-5	305	22,582	3.4	788
Pearl	RH	6-2	305	20,415	3.8	779
Nelson R Habecker						
80	GrH	2-8	305	18,791	4.1	788
29	GrH	5-3	298	25,884	3.0	787
Paul V Nissley						
Jade	RH	9-3	305	19,617	4.0	784
Karo	RH	6-5	280	21,086	3.6	787
Paul S Horning						
Beth	RH	6-8	305	19,093	4.1	784
Kerry & Deborah Boyd						
Alicia	RBRSW	5-7	305	19,135	4.0	783
Aaron R Zeiset						
43	RH	3-1	305	24,086	3.2	782
John K Stoltzfus						
Nellie	GrH	5-0	305	20,792	3.7	782
John M Harnish						
Katrina	RH	4-1	305	16,270	4.8	781
Reuben A Stoltzfus						
Surprise	GrH	2-11	305	21,660	3.6	780
Ben B King						
Rose	GrH	4-8	301	19,015	4.1	779
Harold G Shelly						
Jive	RH	4-1	300	19,627	3.9	777
Daryl & Sam Martin						
165	GrH	4-0	261	23,092	3.3	776
Earl H Oberholtzer						
247	GrH	4-3	305	20,179	3.7	765
20	GrH	3-4	305	27,729	2.7	775
Six Corner Farm						
Belex	RH	5-10	305	23,577	3.2	775
Amos N Martin						
Antique	GrH	6-2	305	22,663	3.4	774
C Dale Bollinger						
Shona	GrH	4-6	305	18,355	4.2	774
John U Glick						
Charity	RH	6-10	305	22,900	3.3	772
Garwood Farm						
Star	RH	7-0	305	20,991	3.6	771
Jane	RH	2-11	305	20,664	3.7	764
Harvey W Stoltzfus						
Melon	RH	3-10	305	18,203	4.2	771
Walnut Run Farm						
543	RH	3-9	305	20,295	3.7	769
Dutch-View Farm						
Nugget	RH	6-6	305	19,652	3.9	769
C Nevin Hershey						
Gloria	RH	7-10	305	25,084	3.0	768
Robert N Brandt						
12	RH	5-3	305	21,238	3.6	767
Singing Maple FArms						
79	RH	6-7	305	20,013	3.8	766
Christian Stoltzfus						
Bell	GrH	6-11	305	20,248	3.7	765
Glenn H Wengere						
Ava	GrH	3-4	288	17,361	4.4	765
Jonas B King						
Sally	GrH	6-5	305	22,477	3.3	763
MarMulldale Farm						
Prize	RH	3-6	305	22,470	3.4	763
Sandy Hollow Farm						
Pam	GrH	3-6	305	20,327	3.7	763
John T Byers & Son						
51	RH	5-9	305	19,539	3.9	763
Harvey Z Stoltzfus						
Lady	RH	4-4	305	17,767	4.2	763
Clifford & Joyce Blank						
Rosella	RH	4-4	305	19,211	3.9	762
Truman Hertzler						
34	GrH	6-1	305	17,965	4.2	761
Thomas & Larry Aaaon						
380	GrH	7-6	305	16,415	4.6	761
Harlan W Hoover						
116	GrH	4-5	305	22,777	3.3	760
Balmer Brothers						
5	RH	6-6	305	20,565	3.7	760

Tioga Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

MAY 1988
ROLLING HERD AVERAGES

Name	Breed	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Charles & Doris Porter	3	48.6	89.8	22,003	766
L&J Holsteins	3	40.6	86.8	19,543	748
Leemon E Gaugler	3	41.9	85.9	19,098	742
John S Bennett	3	52.4	86.3	18,449	734
Glenn Bowen	3	38.3	90.1	20,200	734
Terry & Linda Long	B3	38.3	88.2	19,748	728
Dave+Donna Cleveland	B3	46.1	83.2	21,338	724
Mike Buckwalter	3	55 9	84.6	20,708	717
Double-B-Farm	B3	38.0	83.7	19,670	707
Schmelway Farms	3	52 6	86 2	18,893	706
Bruce T Metzger	G3	25.9	86 8	20,296	701
Doug + Jenny Lawton	3	62.3	88.7	19,289	699
Gor-Wood-D	3	142.9	84.1	19,959	694
Bill Lichty	B3	48.2	89.0	18,447	692
Fred Pazzaglia	G3	61.9	84.7	18,291	687
Chris Gaugler	3	42.3	90.2	17,812	687
Richard Groover	3	36 7	85 8	18,519	686
Dean Baity	3	57.3	89.1	18,048	685
John + Ed Sticklin	B3	46.1	89 2	18,559	682
Robert L Miller	B3	76.5	86.5	19,638	680
William Chamberlain	3	45.2	85.6	19,363	677
Emery-Rick Davis	B3	56.3	85.5	18,719	675
Clark Bowen & Son	3	52.1	87.0	18,699	674
War-Bern Farm	3	109.3	84.9	18,333	672
Dennis & Craig Owlett	B3	114.5	85.6	18,721	671
Charles D Groover	3	16.3	84.3	17,435	669
CD Lichty & Son Dave	B3	70.1	91.0	17,837	667
Roy A Schanbacher	3	65.5	84.7	18,437	664
Harry S Dairy	G3	57.2	86.6	19,264	664
Simalot Holsteins	3	49.8	88.1	17,810	660
Clifford Brace	B3	48.8	86.4	18,079	659
Boroline Farm	B3	82.6	90.7	16,775	658
Harold Robson Jr	3	54.4	84.4	18,594	656
Galen & Dale Jackson Eugene	B3	37.3	83.4	17,390	656
Sargent+Sons	B3	60.9	88.3	17,938	656

LACTATIONS

Burdette F Brewer 2	6-7	305	20,622	4.8	999
Beechlake Farm Jackie	7-4	305	25,930	3.4	905
Mike Buckwalter Bell	3-5	305	22,346	4.0	903
Jim W. Welch Princes	6-8	305	22,221	3.9	872
War-Bern Farm Virgian	4-9	305	19,728	4.3	858

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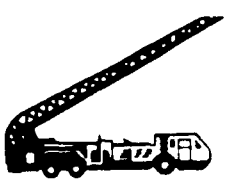

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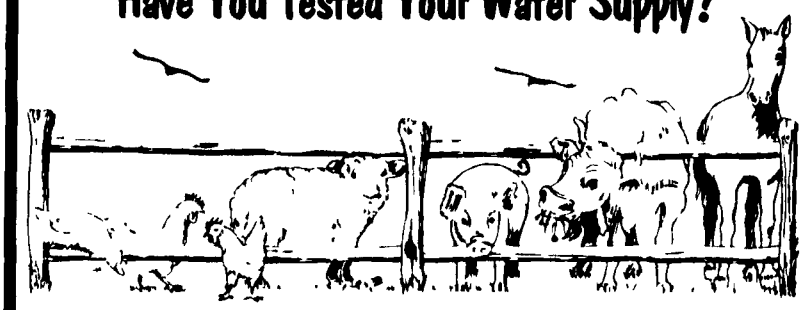

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Insect Management Gains Ground As Sound Management Practices

LITITZ (Lancaster) — The negative effects that insect pests can have on crop quality, quantity, and bottom line profits are raising a red flag with a steadily increasing number of alfalfa growers, according to pest management specialists across the Northeast and Midwest. As a result, insect-control programs have become an integral part of overall crop-management strategies for many dairymen and other alfalfa producers.

Alfalfa weevil and potato leafhopper remain the two major pests of alfalfa in the Midwest and East/Northeast. Weevils are generally more of a threat early in the season and affect the first or second crop; leafhoppers usually affect the second, third or fourth crops from June through mid-August.

Dr. Lee Hellman, extension entomologist at the University of Maryland, estimates that well over half the acreage in that state is being treated each season with an insecticide for leafhopper control.

"As a group, growers' awareness of potato leafhopper and the kind of damage it can cause is very high," Hellman explains. "Consequently, there is much more intensive management of the crop, including regular scouting and application of an insecticide."

Hellman also emphasizes the importance of early scouting to determine exactly when the leafhopper reaches the economic threshold.

"Right now our biggest problem is that growers too often wait until they see highly visible signs of damage in the fields before they diagnose the problem and take action," he says. "Once symptoms of injury become apparent, you may prevent further damage by applying an insecticide, but loss which has already occurred cannot be reversed."

Integrated Approach

Integrated pest management (IPM) tactics are commonly used for both weevil and leafhopper control, including thorough scouting and sampling, tracking of degree days or heat unit accumulations, and basing insecticide treatment decisions on established economic thresholds.

With alfalfa weevil, biological control agents or pest predators are also a key element of IPM. Among the most important beneficials are several species of tiny parasitic wasps that kill adult weevils and larvae, plus fungal pathogens (*Erynia* species) which infect weevil larvae. In areas where parasitic wasps and *Erynia* fungi are abundant, chemical control for the alfalfa weevil may not be necessary.

Lady beetles, lacewings and other beneficials also are capable of controlling potato leafhopper to some extent, however, insecticide treatments are generally regarded as the only reliable method of stopping the pest once an infestation has reached the economic threshold.

Dr. Mike Shaw, technical service specialist for The Dow Chemical Company and former research assistant for the Purdue University alfalfa pest management program, notes that in many crops, IPM results in reduced insecticide usage, especially where preventive treatments are an established practice. With alfalfa, however, preventive treatments are more an exception than the rule, and close monitoring often reveals that an insecticide is economically justified, particularly when leafhoppers are present.

"In general, insect management in alfalfa has been long overlooked, and many farmers are just beginning to understand the economic impact that insects have on their crop," Shaw says. "When they do closely monitor their crops, they often see that an insecticide is necessary to prevent an economic loss. From that point on, there's a tendency to watch future crops more closely. As a result, growers become better managers becuase they usually become more involved in other areas of alfalfa production including disease control, better management of soil nutrients and a variety of other production factors.

Keith Waldron, Cornell University IPM coordinator for dairy and field crops, notes that ideally, alfalfa should be monitored on a weekly basis for weevils or leafhoppers, as well as signs of disease, soil pH, nutrient deficiencies, weed problems and other potentially limiting factors.

"In reality though, most dairy farmers have a lot of other things that require their attention and in many cases field crops just aren't watched very closely," Waldron

(Turn to Page D17)

Potato Leafhopper Nymph. Early scouting for potato leafhopper is critical to prevent injury to alfalfa caused when the insect pest injects a toxin into the plant. If not controlled, the leafhopper can cause stunting of plants, loss in crop quality due to protein deficiency, loss in dry matter yield and lowered plant vigor.

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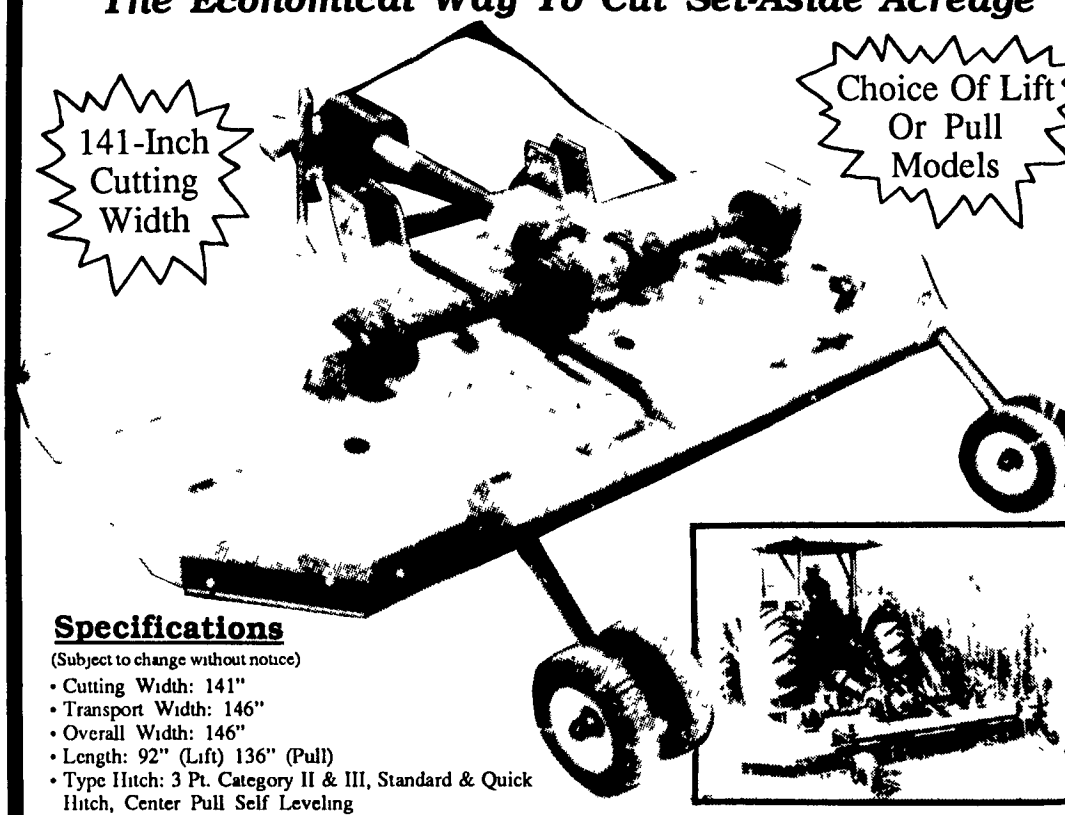

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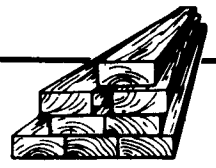

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Insect Management Gains Ground

(Continued from Page D16)

says. "If a grower can't monitor alfalfa himself, in nearly all cases it would make good economic sense to hire a consultant or scout who can help to provide timely information critical to developing a total management system for the crop covering insect management as well as other areas."

Scouting and Injury

The alfalfa weevil is a foliage feeder, and damage ranges from tiny holes in the terminal leaves caused by young larvae to feeding between the veins of fully expanded leaves by mature larvae. While the pest is normally a problem with first cutting, in some cases serious damage to regrowth will result in serious losses to the second crop. In addition, carryover effects from weevils on the first cutting may reduce the crop's vigor and affect yields for the remainder of the season.

When scouting for alfalfa weevil, extension recommendations generally call for sampling to begin when the crop breaks winter dormancy and initial growth is observed, continuing at weekly intervals through the first cutting. Samples should be taken from sites representative of the entire field. In many cases, an "M" pattern in a field is recommended, including samples taken from each quarter of the field and one from the middle.

Each sample should consist of a minimum of six to 10 stems picked at random at soil level. To determine the level of infestation, the percent of stems showing signs of weevil feeding should be recorded, or, the stems can be shaken into a white plastic bucket to dislodge and count larger larvae. For accurate counts of small larvae, however, tiny leaves in the stem terminal must also be opened or "uncurled" and examined. Economic threshold levels vary depending on larvae counts, percent stem tips showing signs of feeding and the height of the crop.

The potato leafhopper is a migratory insect which moves up from the Gulf region on warm air currents in the spring and is primarily a pest of second and third cuttings. It removes plant juices with its piercing-sucking mouthparts while at the same time injecting a toxin which severely restricts sugar allocation and protein production by the individual plants.

Feeding damage may result in several types of crop loss, including stunting of plants, loss in quality due to protein deficiency, loss in dry matter yield and loss of plant vigor which may affect the current crop as well as subsequent cuttings.

Dr. Art Hower, professor of entomology at Pennsylvania State University, notes that leafhopper damage can result in protein losses or deficiencies in terms of quality as well as quantity.

"The portion of the protein loss that is due to reduced crop quantity occurs mainly because leafhopper damage causes stunting," Hower says. "As a result, instead of a normal yield of one ton per acre, you might only harvest one-half or three-quarters ton per acre where leafhopper was present.

"An example of quality loss would be a plant analysis that shows 20% protein in an infested field versus 25 percent protein in an equivalent field without leafhopper injury," Hower adds. "In this case the total protein content has dropped five points. Another way to state the loss would be that one-fifth of the potential protein content of that crop has also been lost.

"For protein loss due to stunting or yellowing you've got to consider the cost of additional protein supplements needed to make up for that loss in your total feed ration for feeding dairy cattle or other livestock."

Shaw agrees with Hower's assessment of potential protein loss, noting that studies at Purdue University and elsewhere have shown that severe leafhopper infestations can drain protein levels in a crop by as much as 25%. Tests conducted at harvest have shown that protein may drop from a level of about 26% when five leafhoppers are caught per sweep to as low as 21% protein when 50 leafhoppers per sweep were present. 50 leafhoppers per sweep is a common number in Indiana and other states when controls have not been applied.

"The bottom line is that in most cases, alfalfa growers will probably realize an economic return if they develop an effective insect scouting and management program," Shaw says. "If an insecticide treatment is warranted, growers should consider individual products based on how effective a material is against target pests, what its toxicity is in terms of handling and application, as well as the potential environmental effects."

Shaw adds that environmental effects may include how a chemical will affect predators that may be present within the ecosystem of a given field. In addition, solubility of a chemical in water can be an important factor in surface water runoff, as well as in leaching or downward movement of a material through the soil.

Aerial Rye Seeding Offered In Berks County

LEESPORT (Berks) — Aerial rye seeding will be available for Berks County this year. This is an exceptionally good practice in standing corn and soybeans according to Roy Shryock conservation technician with the Soil Conservation Service.

Aerial seeding has been scheduled for late August. Rye will germinate in standing corn and soybeans. As these crops ripen sunlight allows rye to grow. As corn or beans are harvested rye has a good start for adequate growth for winter cover. This greatly reduces erosion and sediment over winter months and adds organic matter to the soil next spring. Cost-sharing through the Agricultural Stabilization and Conservation Service office (ASCS) is available in some situations.

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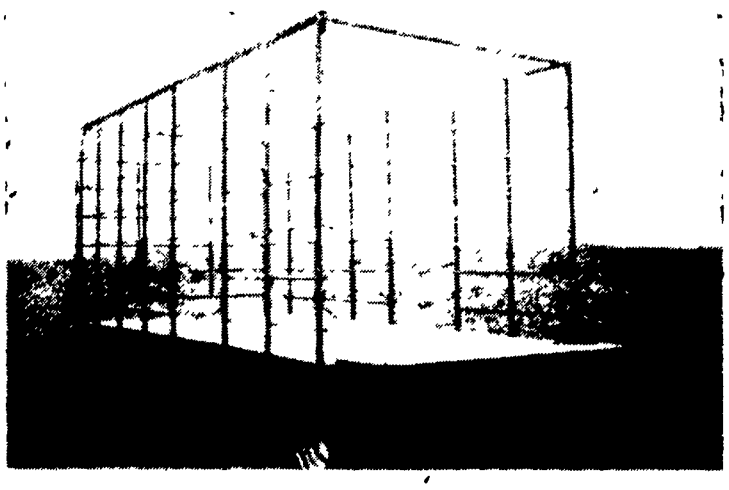

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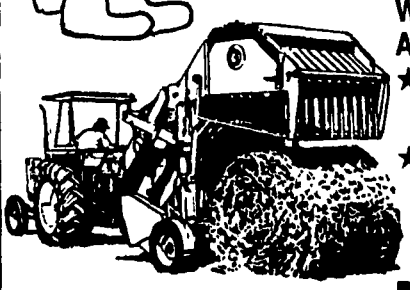

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USDA, University Research Could Lead To Herbicide-Tolerant Corn

TORONTO, Ont. — Farmers may have new choices for fighting grass weeds in corn, if research reported here leads to commercial corn varieties that resist a grass herbicide, according to scientists at the U.S. Department of Agriculture and the University of Minnesota.

"If such varieties can be developed, farmers could take a 'wait and see' approach to grass weeds, applying herbicide only if and where they threaten yield," said John W. Gronwald, a plant physiologist with USDA's Agricultural Research Service.

Most farmers control these weeds by applying grass herbicides on the entire field before corn seedlings emerge. But, he pointed out, this is before grass weed problems become certain. And some postemergence grass herbicides used in broadleaf crops such as soybeans would kill corn — itself a grass. Other options for postemergence control are limited and often don't work well, he said.

But Gronwald and colleagues at the USDA research agency now think they have discovered why corn is damaged by two grass herbicides — sethoxydim, available commercially, and haloxyfop, not yet registered.

"These herbicides inhibit an enzyme called acetyl-CoA carboxylase. Corn cells produce it as a step in making fat molecules the plant needs for storage and growth," said Gronwald of the ARS Plant Science Research Unit in St. Paul. Meanwhile, University of Minnesota researchers led by geneticist David A. Somers have regenerated whole corn plants from specially selected cells in which this enzyme tolerates high levels of sethoxydim. "The new cell line is 50-fold more tolerant to sethoxydim than normal corn cell lines," according to Somers.

This summer, the federal-state research team will test the plants' ability to resist sethoxydim, Gronwald reported at the Third Chemical Congress of North America here.

These tests will be followed by others to determine if the resistance trait can be genetically passed on.

If commercial hybrids with competitive yields are developed, Gronwald said, farmers might continue to use preemergence grass herbicides and use sethoxydim later if grass weeds become a problem. Or, he added, farmers might get more economical weed control by not using any grass herbicide until they see whether and where grass weed problems will be serious.

"Even if the regenerated plants fail to become forerunners of new corn hybrids, knowing what these two herbicides do to cell enzymes should help us better understand plant physiology and biochemistry and may lead to new insights into lipid (fat) biosynthesis in plants," he said.

Gronwald cited parallels with other studies involving herbicides as plant metabolic inhibitors. Triazine and urea herbicides have long been used to study photosynthesis, the sun-powered process by which plants turn carbon dioxide and water into compounds used in making sugars.

More recently, he added, scientists have used glyphosate and sulfonylurea herbicides to study the synthesis of some amino acids — protein building blocks — in plants.

The Chemical Congress is a combined meeting of the American Chemical Society, Canadian Chemical Congress and chemical societies from Puerto Rico, Mexico and Peru.

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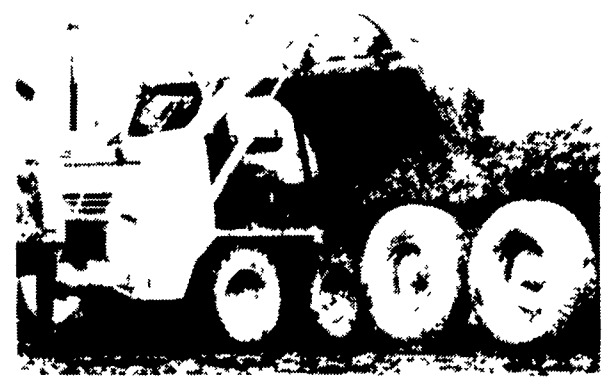

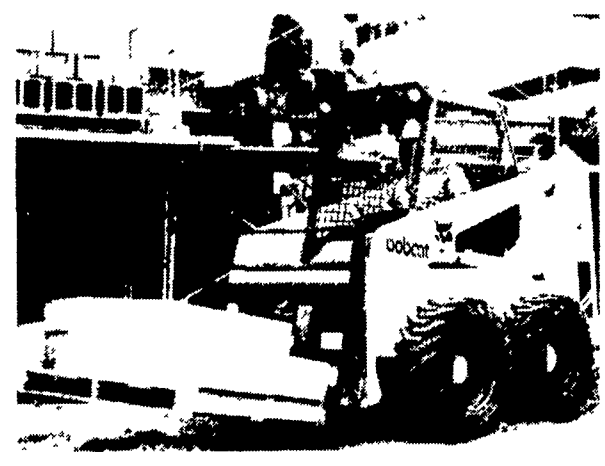

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Jacob S Stoltzfus	3	50.4	88.0	22,571	865
John F Stoltlzfus	B3	48.9	90.0	21,486	797
Locust-Row-Farm	B3	55.0	90.5	19,101	768
Kenlew Farms	B3	45.2	88.5	20,493	764
Clarence W Beiler	3	68.9	89.6	19,488	758
Amos M Stoltzfus	B3	43.7	87.0	19,729	757
Locust-Ridge Farm	B8	51.9	87.5	20,015	751
Ridge Creek Farm	3	47.4	87.1	20,587	742
Ra-El Holsteins	3	66.2	87.5	21,701	738
San Be Farms	3	61.7	86.5	20,856	730
Rapid Run Farm	3	39.9	88.2	20,922	727
Dip-N-Hill Farm	B3	64.2	89.7	20,630	724
Joal-Ann Dairy	3	77.0	88.7	20,067	722
Gene-Mar Farms	B3	84.5	91.3	18,659	722
Leon M Musser	3	51.6	90.0	19,008	721
Ivan B Martin	B3	39.7	84.6	20,498	719
Melvin Z Musser	B3	39.8	86.3	20,535	717
Mifflin Hills Farm	3	53.0	86.6	21,190	711
Terry L Boob	B3	41.5	85.8	19,363	711
Wilmer S Stoltzfus	B3	33.1	86.4	19,364	703
John K Stoltzfus	3	48.0	88.3	18,716	702
Kore M Yoder	G3	43.7	87.2	19,328	698
Nelson Z Martin	G3	29.7	86.2	20,422	692
Roland Hackman	3	48.9	85.2	18,461	690
Wilmer E Zook	B3	40.6	88.6	19,538	689
Elam Beiler	3	44.8	91.7	17,727	686
Kenneth T Shuck	G3	51.5	83.8	18,803	686
Jonas R Zeiset	B3	44.3	88.3	18,153	685
Ron & Lina Hoffmann	B3	53.4	86.2	18,217	683
Daniel Z Stoltzfus	3	72.3	88.8	19,744	678
Dennis E Wolff	B3	26.2	88.1	18,061	677
Mark A Mapes	B3	39.7	87.4	19,188	676
Epler Bros	G3	52.2	85.7	18,476	674
Ralph Dietrich & Son	B3	25.2	89.2	17,185	673
Jonas Bender	B3	31.6	85.2	18,401	667
Sassafras Holsteins	B3	69.7	86.3	19,450	666
Allen Reichley	B3	52.1	87.9	15,792	662
Hemlock Meadow Farm	B3	50.3	83.7	18,077	656

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ROLLING HERD AVERAGE

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Truckenmiller Farms	B3	62.2	89.6	20,691	823
Fred & Tom Strouse	B3	60.9	87.9	19,634	755
Brent Buckwalter	3	105.7	87.8	19,516	724
RMD Shultz Farms	B3	82.6	88.0	19,399	707
Ernest L Wolfe	3	61.2	83.1	17,669	704
Ronald F Wallace	B3	56.3	88.3	18,731	690
Luke N Rebuck	G3	39.4	89.6	17,740	686
Clayton H Swartz	B3	32.3	89.9	18,900	670
North Rush Dairy	B3	11.7	93.2	17,252	668
Garvin Schaffer	B3	36.3	85.4	18,047	633
Loren&Beth Ruth	B3	81.4	87.1	16,650	632
Ernest Klinger	G3	88.8	88.5	16,696	630
Stony Run Farm	4	27.8	88.3	12,359	623
Matthew A Lucas	B3	33.4	90.6	18,362	622
Jerry Smith	3	50.8	86.4	17,362	621
Wayne Klock	B3	40.3	88.7	16,929	613
Orville Shultz	B3	59.1	85.7	16,512	579
E Delrue Schnure Jr	B3	57.4	87.6	15,314	578
William A Betz	B3	51.0	84.7	16,266	570
Sylvester Nicholas	G3	35.8	90.3	15,902	564
William R Landis	B3	35.6	87.1	15,371	558
John Bomberger & Sons	B3	216.1	84.0	15,236	551
Lloyd B Zimmerman	G3	113.7	89.5	15,162	530
David V Erdley	G3	22.5	82.4	15,645	529
Leon Epler Farms Inc	G3	79 0	80.3	14,188	527
Bob + Toma Foresman	B3	102.0	74.3	13,551	478
Lorry Brosious	B3	29.2	84.0	12,893	467
Timothy A Martz	B8	40.6	88.0	11,040	441
Schmidt's Dairy Farm	G3	32.4	81.5	11,161	416

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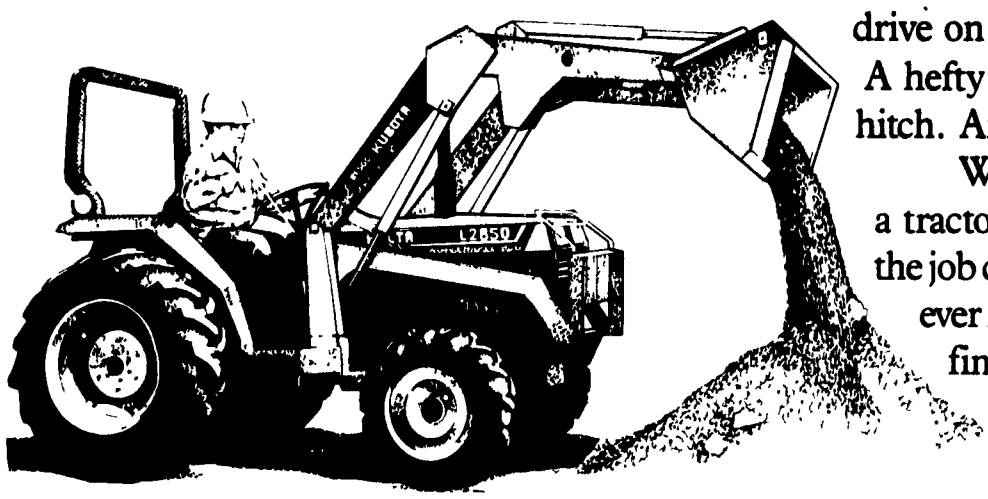

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Chester Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

BREED CODES

1—Ayrshire 2—Guernsey 3—Holstein 4—Jersey 5—Brown Swiss 6—M Shorthorn 7—Red Dane 8—Mixed 9—Red and White

May, 1988

Name	Brd.	No. Cows	% In Milk	Days	Milk Lbs.	Fat Lbs.
Chris&Ches Stoltzfus		3	53.5	89.4	21,082	815
H & R Mason		3	147.0	89.2	20,982	803
Dunwood Farm		3	57.2	86.0	20,713	799
Ardrossan Farms		1	126.3	87.0	19,284	798
Harold J Ranck		3	58.4	88.7	20,372	796
John S Stoltzfus		3	71.1	91.2	20,116	776
Richard Hostetter		3	41.9	88.3	21,308	769
David F King		B3	59.6	88.2	20,685	763
Vernon Guest & Son		B3	95.5	89.0	19,530	759
New Bolton Ctr Unit 4		B3	42.2	85.8	20,844	758
Maplesway Farm		3	68.3	88.7	20,143	758
Robert E Pepple		3	64.0	86.8	19,631	758
David K Stoltzfus		B3	44.1	87.0	20,000	757
Ken+Marilyn Umble		3	58.8	88.9	20,499	755
Joseph Lusby		3	62.4	83.3	20,605	755
Calvin + Tim Kurtz		B3	86.6	87.2	21,084	749
J Harold Bare		3	72.7	86.3	19,776	743
Timberview Farm		3	57.9	87.2	18,494	741
Pei-Valley Farm		3	81.9	88.2	18,782	741
Paul King		B3	60.7	88.2	19,712	738
Paul Martin		B3	60.6	88.2	21,392	735
Landis S Reid		B3	64.8	87.0	20,417	734
Joy-Wil Farms		B3	133.1	84.7	19,445	732
Thomas C Kearns		B3	40.7	86.4	19,913	732
Ridglea Farm		3	91.8	87.6	18,444	731
Arthur+Duane Hershey		3	56.4	84.9	20,587	730
Donald Hostetter Jr		3	86.3	87.5	19,445	730
Herman Stoltzfus		3	53.5	85.9	19,932	730
Mark&Melody Stoltzfs		B3	57.2	86.0	19,678	728
Breck-A-De Farm		3	83.1	86.7	20,318	728
Timothy Barlow		3	91.8	86.8	19,178	727
Samuel K Stoltzfus		B3	45.5	86.8	19,412	725
Roy+Ruth Ann Bender		B3	63.2	83.6	20,513	722
Floyd Miller & Sons		B3	70.5	89.0	19,220	720
Gerald L Kulp		B3	85.3	88.4	19,763	717
Spring Aqua Farm		3	86.0	89.9	19,789	711
Mrs John B Hannom 3D		B3	99.4	89.1	19,970	708
J Elvin Ranck		B3	31.5	91.1	20,094	707
Amos J Stoltfus		3	50.0	83.5	19,088	706
Rocky-Side Farm		3	68.2	87.0	18,790	706
Susan Weaver		3	82.2	86.6	18,307	705
Leon D Kurtz		3	40.6	88.2	19,798	705
John K Kauffman		B3	36.6	86.1	19,660	704
Lloyd Mast & Sons		3	124.8	87.1	17,985	703
Martin Weaver Jr		3	37.2	87.0	18,868	702
Merle J King		B3	104.5	84.4	19,480	701
Dale Hostetter		3	50.5	87.2	19,243	695
Duane&Carolyn Eberly		B3	63.4	88.0	18,542	694
Geo Strutynski+Sons		B3	93.0	87.3	17,876	692
Jonas K King		B3	48.0	87.5	19,706	690
Benjamin K Kauffman		B3	46.0	88.6	18,629	690
Kevin Stahlnecker		B8	42.5	81.5	17,769	687
Mast Stoltzfus		3	50.0	86.9	18,253	685
William L Stoltzfus		3	53.7	88.6	18,677	685
Daniel R Stoltzfus		B3	35.6	85.2	19,488	682
Sam+Marian Stoltzfus		B3	37.9	86.6	18,949	682
Elvin R + Carol Mast		B3	90.1	85.8	17,990	682
Jesse E Lair		G3	82.9	85.2	19,175	681
Charles-Don Gable		1	71.9	83.4	15,840	681
Amos K Kauffman		3	42.4	88.7	18,767	681
J Elmer Lapp		3	40.6	87.8	18,622	679
Walmoore #3		B3	149.9	89.4	18,035	678
David Walton		3	37.3	90.9	19,173	676
David&Dawn Windle		3	56.0	84.1	18,101	674
Meadow Oak Farm		B3	50.5	86.3	18,203	671
Star Point Holsteins		B3	78.3	86.7	18,437	669
Calvin R Blank		B3	56.9	89.7	18,663	668
Paul Smoker		G3	63.4	86.3	18,905	666

(Turn to Page D21)

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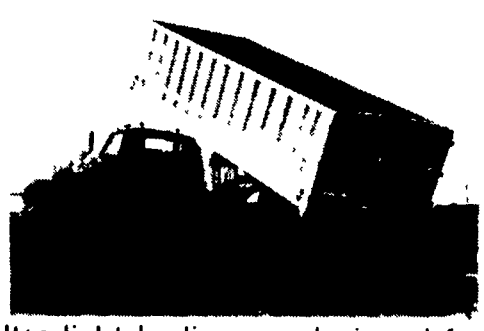

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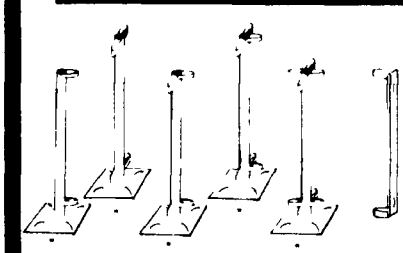

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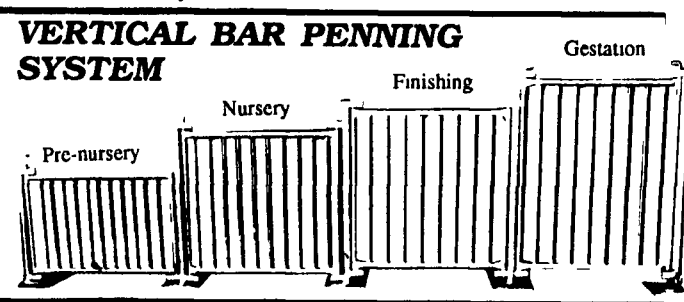
VERTICAL BAR PENNING SYSTEM



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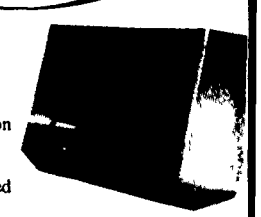

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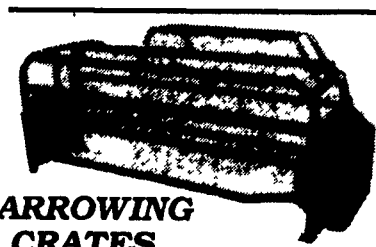

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Chester Co. DHIA

(Continued from Page D20)

Harold R Kulp	B3	75.7	87.8	17,952	665
Abner R King	B3	37.2	85.0	17,222	664
Dennis Bush	G3	128.9	85.4	16,988	663
David Bartram	B3	112.4	86.9	18,261	659
Donald M Horning	B3	52.6	86.4	17,962	650

The cow with high fat was owned by H & R Mason.
The cow with high milk was owned by David F. King.

H & R Mason						
237	3	4-9	305	26,736	3.8	1025
210	3	5-4	290	23,754	3.4	818
Timberview Farm						
Pride	3	6-10	305	21,117	4.7	992
Yvone25	3	3-4	305	20,460	4.5	936
Mrs John B Hannom						
275	3	5-0	305	21,691	4.4	971
John S Stoltzfus						
Neda191	3	3-6	305	24,711	3.8	955
Betsy78	3	7-5	305	23,111	3.7	876
Smblz08	3	2-11	305	19,271	4.3	829
Mida210	3	3-0	305	23,958	3.3	808
Mark & Melody Stoltzfus						
Vickie	3	4-6	305	26,433	3.6	953
Robin	3	5-3	305	22,871	3.8	870
Ken & Marilyn Umble						
Regina	3	5-9	305	24,833	3.8	952
Honey	3	6-11	305	25,037	3.7	938
Courtny	3	4-2	305	24,594	3.6	892
David K Stoltzfus						
1	3	4-9	305	21,532	4.3	942
Dunwood Farm						
Mayflwr	3	3-1	305	24,614	3.8	941
Spring Aqua Farm						
37	3	6-11	305	26,127	3.5	936
190	3	3-4	305	21,541	4.1	896
Chris & Ches Stoltzfus						
Agnes	3	3-3	305	23,093	4.0	934
Samuel K Stoltzfus						
Happy	3	6-1	305	23,920	3.9	932
Dale Hostetter						
Lottie	3	7-1	305	22,071	4.1	917
Ardrossan Farms						
E Eye	1	6-5	305	19,113	4.7	916
Rceven1	1	4-8	251	19,139	4.4	843
Boyclas	1	5-7	305	19,289	4.3	834
H-K-Eva	1	8-11	305	21,360	3.8	831
BR-Rose	1	7-6	305	20,303	3.9	809
Joseph Lusby						
Peanut	3	7-5	305	20,528	4.4	904
Corrie	3	6-7	305	20,320	3.9	801
Paul King						
Tippy6	3	3-6	305	24,942	3.5	894
Cindy4	3	5-1	305	22,991	3.5	823
Pontifi	3	3-5	305	24,153	3.4	820
Rocky-Side Farm						
17	3	4-5	305	20,427	4.3	887
36	3	3-11	305	18,966	4.2	809
45	3	3-10	305	22,780	3.5	802
James V Yale						
13	3	7-11	305	20,546	4.2	882
Timothy Barlow						
Sunny	3	4-10	305	23,294	3.7	880
Elaine	3	5-5	305	20,897	3.8	811
Charles-Don Gable						
Pearl	1	7-8	305	18,655	4.6	868
David F King						
Sally19	3	4-7	305	26,904	3.2	867
88	3	3-2	305	21,790	3.7	813
Jesse E Lair						
Elizabh	3	6-8	305	20,932	4.1	865
Lloyd Mast & Sons						
234	3	7-0	305	20,654	4.1	857
Amos J Stoltzfus						
Louise	3	3-8	305	22,919	3.7	851
Calvin & Tim Kurtz						
43	3	3-7	305	23,389	3.6	845
Harold J Ranck						
Jet	3	4-6	305	21,160	3.9	841
Thomas C Kearns						
23Gina	3	0-0	305	21,610	3.8	839
Maplesway Farm						
Pickney	3	5-3	305	25,747	3.2	837
Debra	3	4-3	305	21,738	3.7	807
Robert-Sharon Nolan						
Wells18	1	8-9	305	17,521	4.7	830
Wendy	1	4-1	305	19,312	4.1	809
Dennis Bush						
526	3	3-5	305	21,736	3.8	827
Vernon Guest & Son						
Audrea	3	3-11	305	19,228	4.2	819
Merle J King						
Lemon	3	3-1	305	20,075	4.0	818
Abner K King						
Lisa	3	5-10	305	20,160	4.0	817
Marsh Acres Farm						
397	3	5-6	305	20,468	3.9	816
John K Kauffman						
Goldie	3	3-5	305	17,747	4.5	812
J Harold Bare						
8	3	6-11	305	21,786	3.7	811
Fliyd Miller & Sons						
19	3	4-5	305	21,872	3.6	807
Ridglea Farm						
34	3	4-0	305	20,954	3.8	807
Robert E Pepple						
76	3	5-7	297	22,083	3.6	805
David & Dawn Windle						
Camilla	3	5-8	279	21,014	3.8	805
Chester Hills Farm						
413	3	3-10	305	17,200	4.6	805
Meadow Oak Farm						
247	3	3-8	305	20,146	3.9	804
Highpoint Acres						
Rosie	3	3-11	305	16,202	4.2	804
David Bartram						
714	3	6-9	305	23,004	3.4	802

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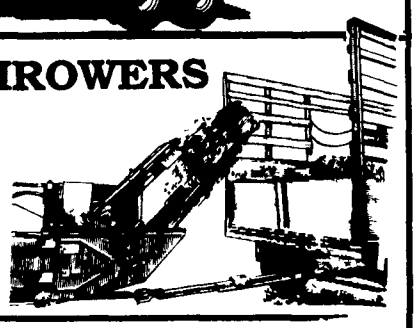
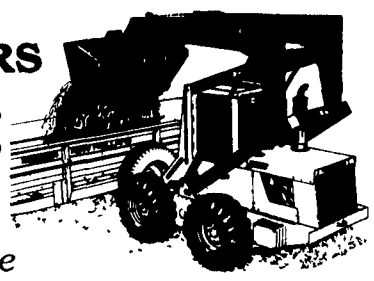
70
75



SKID LOADERS

Models: 553, 555, 781

Attachments Also Available



CHECK OUR USED EQUIPMENT LISTING ON PAGE C-29

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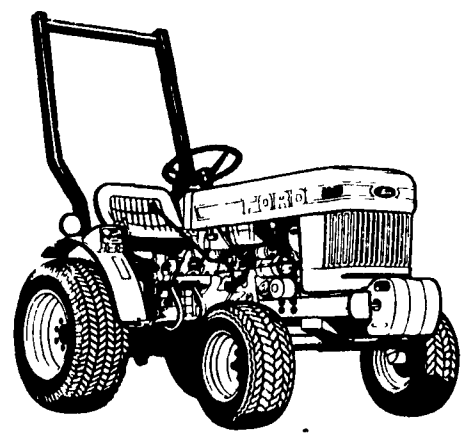

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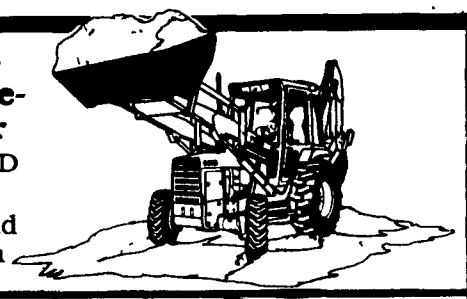
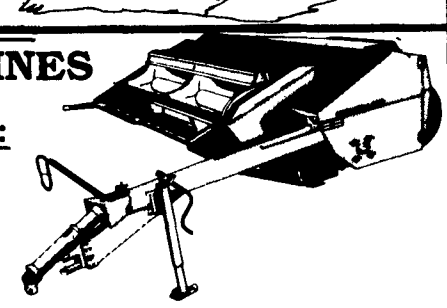
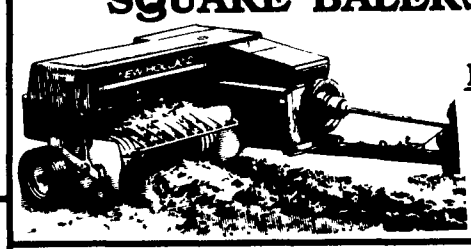


HAYBINES

Model:
489



SQUARE BALERS



Models:
316's
320's
326's

DISC BINES

Model:
411

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Ford FORD NEW HOLLAND

Apple Growing In Pennsylvania

HARRISBURG — Apple growing looks simple enough. You tend the trees, worry about the weather and watch the fruit ripen. But such a simple picture is wildly inaccurate. There's more than meets the eye — much more.

Of course, apple growers do still worry about the weather. Unlike many "row crops" like potatoes or beans, fruit cannot be replanted. A spring frost can kill a crop that's just getting started. Or a hailstorm can turn a handsome fresh-apple crop into battered fruit fit only for juice processing. And, a juice crop is not a profitable crop.

But like auto making, steel making and so many other things in today's world, the rules of apple growing are changing.

Basically, apple growing has become a business and apple growers are or are becoming businessmen who use computers, ponder management techniques, using the business practices of much larger businesses with department heads who handle matters like data processing, personnel or marketing.

Pennsylvania apples generate more than $50 million in annual crop value and at the peak of harvest provide employment for upward of 20,000 people. In 1986, Pennsylvania produced 620 million pounds of apples, making it the fourth largest apple state, after Washington, New York and Michigan.

Despite such impressive statistics, the number of apple growers is shrinking. Ten years ago, for instance, the Pennsylvania Apple Marketing Board represented 400 growers. Today the figure is about 350.

The reasons are many. One is the cost-risk ratio. Apple growing is capital intensive. It costs a lot for land, machinery and labor. But two days of abnormally hot spring weather can knock a whole year's efforts into the loss column. And because the return is often so low — about 5 percent, on average — not a lot of venture capital finds its way into apple growing. It's a capital-intensive business 10 months out of a year, and a labor-intensive business two months a year.

Then there's foreign competition. Apples and apple concentrate from South America, South Africa, New Zealand and Australia are undercutting domestic prices. There's intense competition from one state to another and from new entries into the fresh fruit market, like kiwi and red seedless grapes.

Pennsylvania growers, more than most, have been insulated. The presence of the Knouse Foods cooperative in Adams County — the nation's largest apple processor — plus a lot of fresh-fruit packing houses and a healthy cider industry have helped to create a "reasonable market" for Pennsylvania apples.

Still, Pennsylvania growers are finding that, like their counterparts elsewhere, survival is demanding attention to marketing, data processing and labor management in addition to traditional production concerns.

They are learning, in fact, that growing fruit more efficiently in order to achieve a higher profit margin may be a more realistic alternative than simply growing more.

Efficiency, however, demands a blend of sophisticated skills.

* Efficiency requires finding out what consumers want. This can result in growing varieties other than those planted now or those that are easiest to grow. It can mean concentrating more on apples destined for fresh sale rather than processing, which in turn requires a more organized marketing effort.

* It requires use of the latest horticultural techniques, such as high-density planting and switching to dwarf varieties.

* And it requires operations management, such as use of computers to track production, monitor pesticide application and spit out an increasing volume of paperwork required by government pesticide and labor regulations.

For example, the federal Immigration Reform and Control Act represents a very big change in the rules of the game. Fewer seasonal workers are expected to be available in the future, so growers have to find ways to provide better wages and benefits to attract and retain workers. Some growers are hiring consultants to improve worker relations.

Pesticide control is another example. It's not only environmentally important, it's good business. The less pesticide used, the better the profit margin.

As Larry Elworth, program coordinator of the Apple Marketing Board, explains, "We know basically how to grow fruit. We need to know what the consumer wants, how he wants it and how to manage the business. Growers don't go out of business because they can't grow fruit. They go out of business because they can't manage their businesses."

There is a certain charm and mystique about living close to the land, to which most farmers and growers will attest. Agriculture is still a cooperative effort between man and nature. But more and more, business skills are making the difference between success and failure.

Many growers are adopting the view expressed by a fourth-generation Adams County apple grower: "I grew up in it as a way of life, but I treat it as a business."

Chester County's Sixth Ag Security Area Approved

CHESTER CO.— With the approval of the West Nantmeal Township Board of Supervisors of a 1,900-acre Agricultural Security Area on June 13th, Chester County farmowners have now enrolled a total of more than 10,000 acres of farmland under Act 43 in six agricultural security areas.

The Chester County Agricultural Development Council reports that proposed agricultural security areas are currently pending approval in five townships. An additional 10,000 acres will likely be designated in agricultural districts by the end of the summer. Landowner interest has been rapidly increasing regarding Act 43 and the proposed agricultural conservation easement program.

For more information, and assistance with the establishment of agricultural security areas or the conservation easement program, Chester County farmowners are encouraged to contact Ray Pickering, director of the Agricultural Development Council, at 431-6285.

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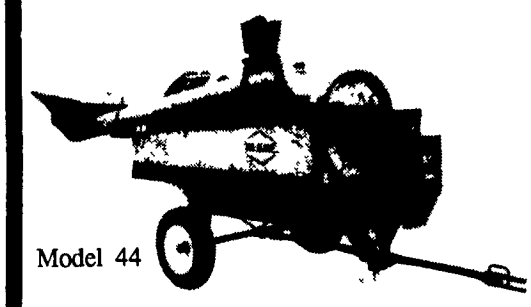

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Consumers Buying More Fruits and Vegetables

BY TOM BREWER
Penn State
Ass't. Professor of
Ag Economics

"You'll never grow up to be big, strong and healthy if you don't eat your vegetables." Many a mother has admonished her children in similar fashion. Eating vegetables supposedly provided solutions to many problems. Their magical powers ranged from causing a child's warts to disappear to improving piano or baseball playing skills -- or so I've heard.

Today's consumers may believe that those claims contained a great deal of wisdom. At least consumers today seem to be following the advice they were given as children.

Nutritionists and food columnists report the findings of researcher after researcher. All of these reports are indicating that fruits and vegetables are very important to human diets. They suggest that consumers increase the consumption of vegetables and fruits, while decreasing the amount of fats and particularly animal fats in their diets.

Whether they're following the advice of their mothers, becoming more aware of health issues or simply changing their tastes and preferences, today's consumers are using greater quantities of fruits and vegetables than they were fifteen or twenty years ago. Changes in consumption patterns vary from commodity to commodity but in total the per capita consumption of potatoes, fruits and vegetables has increased since 1970.

Fifteen years ago the average American used 175 to 180 pounds of fruit, 175 pounds of the major vegetables and about 117 pounds of potatoes each year. These weights are on a farm-weight equivalent basis and include the raw product weights of fruits, vegetables and potatoes processed by canning, freezing or drying in addition to the quantities purchased fresh.

By 1986 the average consumer was eating about 210 pounds of fruit, 196 pounds of vegetables and, to the surprise of many people, 121 pounds of potatoes.

So over the period, per capita consumption of fruit increased about 18% while vegetable consumption increased 12% and potatoes 3%. In addition, the population has grown. Thus we require more tons of fruits, vegetables and potatoes in the U.S. each year than in 1970. We would require more to meet the needs of a growing population even if per capita consumption hadn't been increasing.

More than likely population will increase for a number of years in the future and there are many who believe we'll experience increasing per capita consumption of fruits and vegetables too. Per capita potato consumption will probably remain fairly level. It hasn't changed much in the last 10 years. Growth in the potato market may have to come from population growth or exports. If these projections of per capita consumption are correct, and population does increase, there should be a market for more fruits and vegetables in the future.

Before anyone reading this column rushes out to plow up the back forty to plant parsnips, that person should examine how and why this recent growth has occurred and the degree to which growers in the Northeast have shared in it.

People have shown a tendency to increase fruit and vegetable consumption as they get older. Usage increases into their late 60s. Economists have also found that consumption of fruits and vegetables tends to go up as incomes increase. Of course increases in income tend to be associated with age. The longer people are in the work force the higher their incomes. So increases in consumption associated with age may really be reflections of increased incomes. As our population ages, and if real incomes continue to rise, we might expect higher levels of per capita consumption in the future. There is less doubt about population growth. It will continue to increase but the rate of increase is not yet known. All in all, U.S. fruit and vegetable markets will probably require more produce in the future.

Consumers, over the last 10 to 15 years, have shown a distinct preference for fresh fruits and vegetables and a declining interest in canned products. Frozen fruits, vegetables and particularly potatoes have grown in popularity too.

The Northeast, historically tied largely to the canning industry, has not shared in this rather rapid growth in the fruit and vegetable markets. For the most part, the Northeastern industry is not geared to the fresh market. Some growers and commodity groups are making changes to serve it but others are finding it difficult. This is not to say that the Northeast does not currently have a part of its production devoted to direct marketing and thus the fresh market. It does and they do a fine job. Direct marketing may be more important and more deeply rooted in the Northeast than in any other part of the country, but that system handles but a small proportion of the regions total output and opportunities for growth are limited. A sizeable proportion of the Northeast's tree fruits and berries are also marketed fresh.

Many adjustments will need to be made if the Northeast is to share equally with other production regions in this growing market. In some cases adjustments may not be possible but the region certainly has some advantages. Thoughtful consideration of some of these factors is necessary before one "tools up" to produce a new crop. Unfortunately discussion of those factors will have to be the topic of another column.

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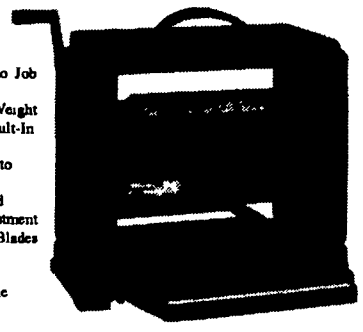

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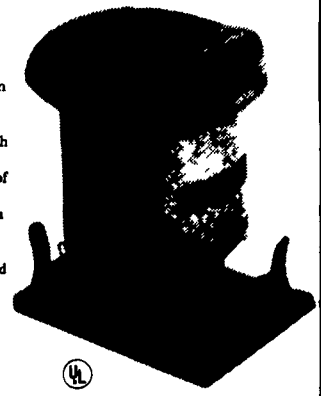

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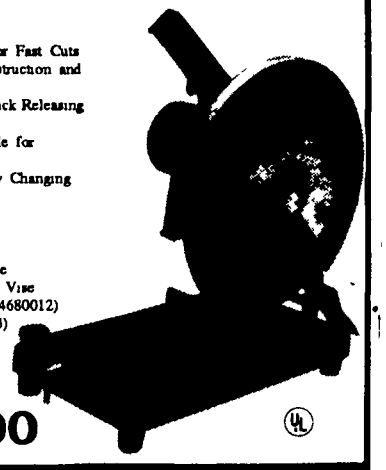

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Wayne County Farmers Support Supply- Management Programs

WAYNE COUNTY — Richard Pazel, President of Wayne County Farmers Union (WCFU) announced today that his organization voted unanimously to support the newly proposed national Dairy Act.

Pazel said "The affirmative action was taken by the WCFU at a county meeting held recently at the Pleasant Mount Fire Hall."

The county president stated, "The proposed Dairy Act was thoroughly explained by Arden Tewksbury, membership coordinator for the Pennsylvania Farmers Union (PFU)." PFU is presently holding several meetings across Pennsylvania in a attempt to determine dairy farmers reaction to the proposed new Dairy Act.

The act calls for the support price on manufactured milk products to be established at 75 percent of the parity as compared to the present 52 percent. The act also establishes milk bases for all dairy farmers producing milk in the United States.

Tewksbury said, "the act calls for the most recent five years to be the base forming period. Each dairy farmer would discard the high and low production year, then the three remaining years would be averaged together to formulate the actual production base."

Tewksbury was critical of recent actions taken by the U.S. Secretary of Agriculture which lowered the price of milk $.50 per cwt to all dairy farmers. This action means an additional $4,000 loss to the average dairy farmer during 1988.

The PFU leader estimates that by the end of 1988 the average dairy farmer will have lost nearly $100,000 in available income since 1981.

Furthermore, the support price has been decreased from $13.10 per cwt. in 1980 down to the current $10.60 level.

Tewksbury said "The reduction in the milk prices by the government was meant to reduce the national production of milk; however as we predicted when milk prices go down; then dairy farmers must respond by producing more milk in an attempt to maintain an adequate cash flow."

According to PFU, the recent report given by the national Dairy Commission won't do anything regarding increasing milk prices to dairy farmers.

Actually milk prices are geared to drop another $.50 per cwt. to dairy farmers on Jan. 1, 1989 and according to Tewksbury, the U.S. Secretary of Agriculture Richard Lang has full intention of lowering the price versus implementing a milk supply management program.

Pazel, who is a member of the PFU Board of Directors reported that PFU's board recently endorsed the philosophy of the National Dairy Act.

Tewksbury states, "that in July 1981 dairy farmers were paid $13.33 per cwt. for their milk. Prices paid to dairy farmers during July of 1988 are estimated to be at least $2.00 per cwt. lower than 1981."

Tewksbury concluded by saying "if you place a 30-percent inflation rate on the July 1981 price then dairy farmers should be receiving $17.32 per cwt. for their milk in July of 1988 instead of the estimated $11.35 per cwt.

The proposed national dairy act is estimated to return a price of $16 per cwt. to dairy farmers, and at the same time keep national production of milk in line with the domestic needs of all dairy products.

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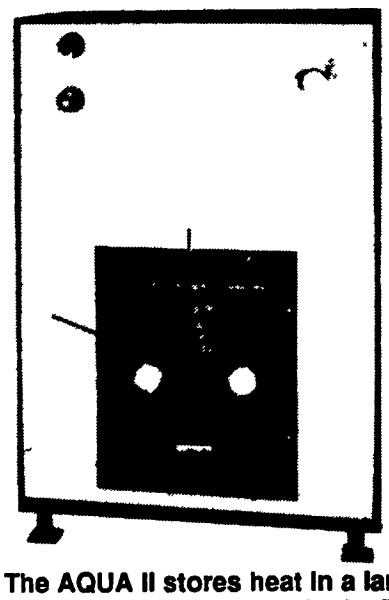

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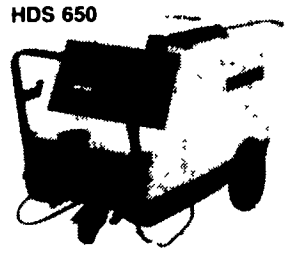

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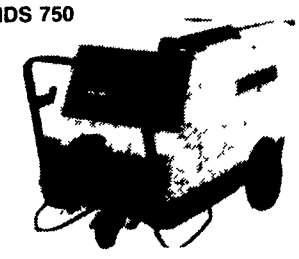

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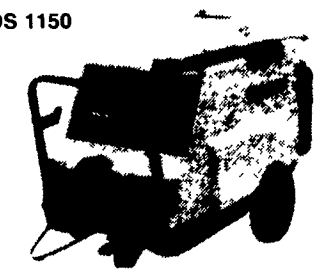

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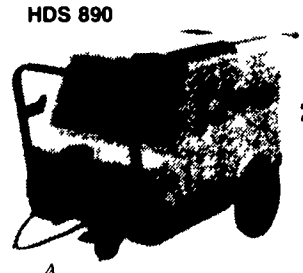

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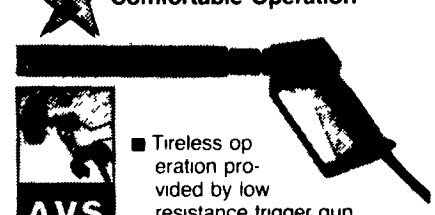

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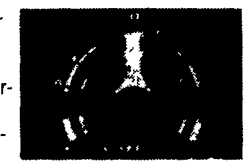

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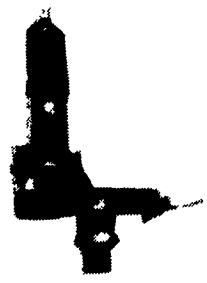

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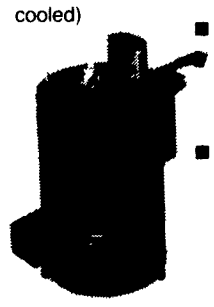

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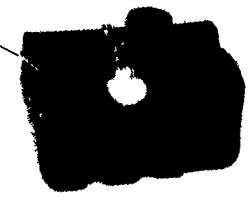

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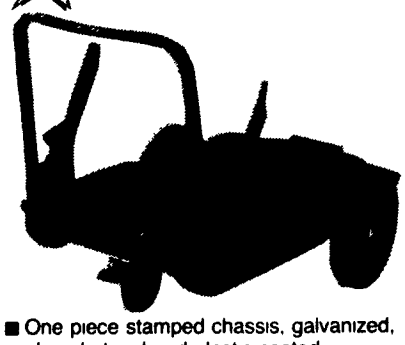

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FEEDTHRU SELFLOCK WITH NORBCO "DROP-PIN" QUICK RELEASE FOR DOWN COWS

FEEDTHRU SELFLOCKS

— FEATURING —

- Down cows immediately released by lifting pin and removing neck bar -no tools required
- Adjustable neck spaces
- Individual animals can be retained when group is released.
- Rugged 2" square tubing top and bottom rail
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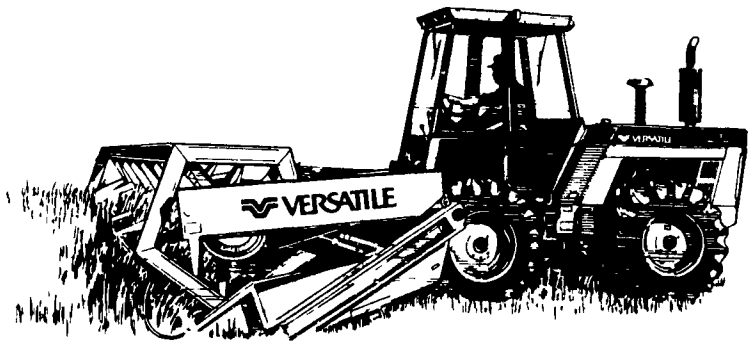

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The Versatile® Bidirectional™ tractor operates in either direction, pushing or pulling whatever implement you need. With a Bidirectional tractor you:

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Barn sash 35" high by 28½" wide 9-panes, also 29" high by 31½" wide 6-pane Lanc Co. 717-626-1467

78 Ford TT Louisville twin screw 290 big cam 9 spd, recent overhaul, good tires & cond $10,000 Bucks Co 215-249-3704.

1964 International truck w/ new 14' grain bed $1000 Chester Co 215-942-2657

AC Mod G planter, single row cult, independent cult, lots of extras, runs well Chester Co 215-459-9451

1984 Chevette, 1 owner, 36,000 mi, & 1976 Honda, w/radios, both for $2575 York Co 717-755-8068

John Deere 50 tractor, also 3 pt hitch that fits A-B 50 or 60 Lanc Co 215-445-5260

VW parts 1963 to 1966 doors, fenders, hoods, bumpers, trunk lids, seats, engines, trans-axles, etc Lanc Co 717-569-3686

JD 42 combine 9' cut PTO $700; IH hay cond $250, exc cond garage kept Monroe Co 717-992-2854

1953 Ford Sedan, good parts car, all tinted glass $150 Lanc Co 717-529-2126

Window sashes & storm windows. 32 sashes 24x24 glass size 16 alum storm windows 1 alum storm door Montg Co 215-234-4917

AC 10' transport disk $500, 64 IH 1700 truck V8 5+2 $450 Case 1175 $750 Ford 600 $2000 Lehigh Co 215-285-6451

Purebred Barbados sheep 2 ewes, 2 lambs, $50/ea Toggenburg, Oberhasli goats $75/ea Franklin Co 814-685-3904.

Approx 20 mature pine trees, 40-50' tall, make offer. Leb Co 717-949-2637

Hay waong on 10 ton gear, 8'x18' solid all oak construction, 2" thick floor, barn kept Leb Co 717-273-5352

Grain binder 6' New Idea rake, 1965 Chev truck, 18' bed, Oliver 70 tractor sickle mower; Dodge 1955 truck ½ /ton. Berks Co 215-856-7619

Dairy goats most all breeds, also milkcans very clean, German Shepherd & Collie pups, about 2 yr old, give away 717-653-8247

1964 Chevrolet 2 dr hardtop, 6 cyl, auto, 66,000 mi $500, exc interior, rust outside Montg Co 215-643-6577

Keystone coal stoker hot water, 9 yrs old, 100,000 BTU, make offer 215-582-1029

John Deere #494 corn planter $650, New Idea #10 corn picker $850, 24' bale elevator $75 Bucks Co 215-822-0537

1985 GMC cube van, needs hood, grill, radiator $2900 pallet rack $175, carpe rod for forklift $100 Cecil Co, MD 301-287-6072

Sun auto distributor tester w/dwell, vacuum adv & cov adv $100 201-453-2088

6 yr old Saddlebred horse, traffic safe, sound, anybody can drive, 16-1 hds JOnas Hoover, RR1 Box 845, New Holland, PA 17557-9796

"78" Jeep ¾ ton, 4WD, auto., 7½ 'x9½ ' bed, 11x15 tires, 46,000 mi.; "65" Dodge, 1 ton dump, 2 horse trailer, will trade for animals York Co 717-244-0624

3 yr old, QH mare, quiet, for trail or show 15 3 Hands English or Western Must sell! Lanc Co 717-664-3574

Sunset 415 gal bulk tank Best offer Yates Co 315-536-9150

Purebred Alpine doelings, exc bloodlines for milk & conformation, healthy, beautiful, tame Reasonably priced Northampton Co 215-252-8341

Ford 3 pt 2 row cult, J Deere 3 pt 3-bot cat II plow, 275 gal oil tank, riding tractor, 8 HP elec start w/mower 215-791-0186 Eves

Mayrath 21'x6" transport auger hopper motor & spout, 12' dump rake extra teeth, both exc. cond Lehigh Co 215-767-5497

Massey Harris 7x28 disc, $175; IH 211 2x14 fast hitch tripback plow, $325, Grove PTO chuckwagon, 8 ton gear, $1200 Carroll Co, Md. 301-848-0711

Lambs, rams & 1 ewe Purebred border Leicester & crosses Chester Co After 7 p m, 215-942-3503

6 yr old saddlebred driving horse, safe & sound David King, 5465 Elam Rd, Kinzers, PA 17535

Canaries 1 male, 2 female w/large custom made cage $80, also pr Cockatiels, cage included $100 Lanc Co. 717-684-0452

20x60 Harvestore White roof w/Goliath unloader, will dismantle & erect Lanc Co 215-445-6453

2 milking goats & 1 female kid all for $90 Levi Esh Jr, 1346 Georgetown Rd, Quarryville, PA 17566

Old buckboard w/water tank on big wooden wheels, 1 yr. old, Bell Son 84 pt 24,000 lb dam Amos King Jr., 160 Snyder Rd, Lititz, PA 17543

Cute Eskimo puppies, 6 wks old Elam Stoltzfus, Emory Rd., RR2 Box 157, Narvon, PA 17555

MF 510D combine QT/base 4R narrow corn head, 13' platform, header heighth control, field ready Leb Co 717-272-2477.

84 F150 pickup truck, 56,000 mi., w/topper $5600, clean truck; White 508 semi-mount 4 bot plow 18-4-34 duals 717-866-4299

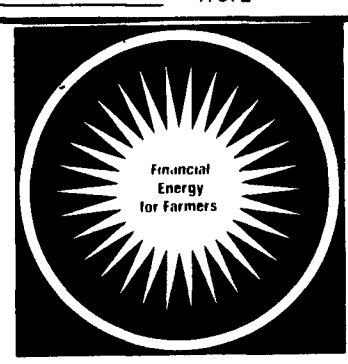
AKC Reg Pom puppies, very cute Lanc Co No Sunday calls, 717-354-9715

2 yr old male rabbit, good pet Lanc Co 717-354-9111

1977 MGB conv, green, good cond, garaged, new paint, new tires, tonneau, Alpine sound system, alloy wheels York Co 717-252-2938

John Deere binders, loaders & all parts 1 binder almost new Also 1,2,3,4,5 6,7,8, horse hitches Christian Fisher, 74 S Ronks Rd, Ronks, PA 17572

Mc Derring 8' grain binder w/canvasses Elam King, 335 Gap Rd, Ronks, PA 17572



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New Holland forage blower Mod 680 50' pipe $200 Oliver Mod 15 combine 24 bu tank $250 Clearfield Co 814-263-7230

MF 235 diesel tractor 1300 hrs, ex cond Lanc Co 717-626-6169

NH Super 68 baler, Melinger applicator, all in good cond John U Stoltzfus, Mt Pleasant Rd Honey Brook, Pa 19344 Chester Co

48" portable Lanc silo fan w/gas engine Samuel Stoltzfus, 1834 Windy Hill Rd Lanc Pa 17602

1979 JD 2840, 1978 Ford 420 w/loader, Ford 841, Ford Jubilee, Oliver 88 Burlington Co 609-267-6071

Farmall F-20 running- cond $450 Leb. Co 717-949-3949 eves

Looking for farmette to rent in Carbon or Schuylkill Co 717-325-8626 ask for Larry or Judy Miller

86 Toyota 4x4 extra cab pickup rollbar lights, stripes, low miles, like new cond, $8400 or BO Lanc Co 717-529-6715

Woods M-80 rotary mower, Woods 72" rotary mower, NH #8 forage wagon w/roof flotation tires Dau Co 717-469-0588

Guineas started fully feathered 4 wks old Lanc Co 717-285-4293

44½ acres farmland or can be 4 building lots, $160,000. Whitford, Hartford Co, Md rolling ground w/small springhouse Chester Co 215-793-2096

L shaped white metal kitchen cabinets, ex cond., GE spacemaker microwave for above stove, very nice, stainless steel double sink Lanc Co 717-738-0579

Gehl tandem silage wagon w/roof, Hesston PT 10 haybine, Fox blower, JD 216 silage wagon, all v g cond Lanc Co 717-665-3865

2 antique John Deere Mod L tractors w/plows & cult, good cond, $1100 & $1400 OBO 717-792-2722

Bushel crates 75¢/ea, Edwards Dyna-Soar pruning tower w/pruners Adams Co Eves 717-677-6224, 717-677-9794

New Idea cut/ditioner, used less than 100 acres, 7' cut Col Co After 6 pm, 717-437-2273

Field cult Clenco 12', Athens disk 10', Allis Chalmers disk 12' All A-1 cond 717-345-8588

Fork hook celery plants Abram Stoltzfus, 2936B Stumptown Rd, Ronks, PA 17572

Alpine goats, healthy yrlg doe milking over. gallon CAE neg Bucks Co 215-257-8847

Gas engine 1½ HP Massey Harris, needs work & Wico $325, 1941 John Deere B $750, runs well Lackawanna Co 717-563-2257

VG4 Wisconsin engine elec start, clutch $850 2, 3, 4 inch water pumps, gas & diesel Lanc Co 717-859-2797

2 cutterbars, guards, holddown clips for Ford 630 or 640 combine 12' grain head $40 Lyc Co Eves 717-998-2032

Trained Bader Collies, cattle, sheep, farm proven started dogs & pups, also clinics, demonstrations Monsour Co 814-623-8243

International 800 air planter no-till coulters Monitor II planted less than 150 Acres $7000 Firm Fulton Co Leave message 717-294-3970

Strick 40' flat trailer grain sides tarp exc cond Cecil Co, Md After 6 pm 301-398-7996

International combine cavases like new used 76 $75, new 62-64 $100; 76 combine for parts. Augusta Co, Va. 703-249-4552.

Sofa, good cond. $25; metal desk, v.g. cond. $50. York Co. 717-252-1077.

Hardy hybrid water lilies, 5 colors to choose; Lotus & bag plants; single row corn planter, small 3 pt. Lanc Co 717-738-2091

1977 Ford LN 9000, 290 Cummins 13 spd, 30,000 GVW, with or without lime spreader Lanc Co 717-626-6435

JD 6' combine w/bin & auger on cutter, bar good cond $250 York Co 717-235-2032

AKC Collie puppies, sable & white, cute & cuddley, 2½ mo old Adams Co 717-334-7993

250 Yahamha Road cycle $400, 14HP Sperry Rand lawn tractor, disc plow, snowblower, snowplow $2000 Lanc Co. 717-426-2296

AKC Pomeranian male 1 yr old, beautiful color, for pet or breeding Lanc Co 717-738-3104.

Out of the field Lanc Co 717-786-3338

1972 C-60 Chevy truck w/16' log body Carroll Co 301-239-8055

1980 Dodge truck full size manual overdrive 16 hole hog feeders, NI manure spreader 300 gal skid gas tank, 150 gal gas tank Chester Co 215-347-2232

Corvairs PU truck & van, $1500. Also Kaiser Frazer rear tine roto-tiller, $150 York Co 717-235-7583

Rugged Hi-impact Marlex lantern, solid acrylic panels No glass to break, brand new, $10 Lanc. Co 717-656-8974

Complete front end for 1969 Chevy truck in good cond & bumper, 2 doors, good on outside. Lanc. Co 717-665-5048.

Cute & playful puppies, 7 wks old, mixed $5/each Dauphin Co 717-944-9021

Myers 3HP engine, jet pump w/injector & auto shutoff, also V E 4 Wisconsin w/direct clutch Lanc Co 215-445-7496

1 bu apple crates $1/ea or $75/per 100 Also 14' ladders & picking bags Lanc Co 717-733-3438

1981 Chevy ½ ton pickup, 6 cyl 80,000 easy driven miles, $3,500 OBO Lanc Co 717-733-3306

1983 Rabbit diesel, 4 dr, good cond, 1979 Dodge Ram p u, 4 spd, cap Perry Co Afteer 5 p m, 717-589-3802

NH 718 harvester w/2RW 770 corn head & grass head All in exc cond Cumb Co 717-776-3359

8N Ford late model, $1900, Farmall Super C, F H, W F, plows, mower, grader, cult $1600, Farmall 404 3 pt hitch $1600 Col Co 717-784-1779

Holstein springers $800-$1000, 8300 JD grain drill & seed 2 disc, like new $3000 Grain bins NH gears $800, 2 hole corn sheller $100 Franklin Co 717-263-5702

283 motor rear & tran, 2-ton w/air, 40,000 mi $500, 1962 Chev 292 23,000 mi w/tran $400 N J 609-629-6596

15KW generator, trailer mounted, center pole hookup David S King, 873 S Railroad St, Myerstown, PA 17067

Friend orchard sprayer w/ blower - 500 gals $325 215-926-5309

Hydrostatic 1495 NH habine, partial cab, gas, nice cond Lanc Co Eves after 8, 717-548-2300

Parts to 3 pt JD hitch fits B/50/60/70 $95, frame to JD 45 loader fits B/50/60 $35. Lanc. Co 717-464-0964

1 black mixed breek steer, 450 lb Lanc Co. 717-665-3298

MAILBOX MARKET FOR SALE

Appalossa mare- 1982 chestnut/white, well-bred Qh type, Eng /West Bred to Grand Dandy, $2500 Balto Co 301-592-5564

Frigidaire ice maker A-1 cond for bar, restaurant, motel- 200 lb bin 44"Lx46"Hx29"W Asking $1000 OBO Bucks Co 215-355-0968

Farmall M, runs good, good rear tires, belt pulley, rough paint, $1100 neg Lehigh Co 215- 298-2100 after 7 p m

Rabbit cages, 2 new Safeway cages, $18 ea , 3 used cages, $8 ea Ocean Co 201-657-0565 nights

BRAHMAN CATTLE, VERY GENTLE, REGISTERED, SOLID REDS, SPECKLED-REDS, BULLS, COWS W/ CALVES, HEIFERS DIAMOND "B" FARM, POWHATAN, VA 804-794-1209.

Lancaster Silo barn fan, 10,000 tobacco lath bale boxes. Samuel King, 223 Refton Rd., New Providence, PA 17560

Bin extension for 717 combine, misc. parts for 225 IH windrower knife guards etc , fiberglass hog slats. Wanted· 460 IH fenders Franklin Co. 717-263-0080 or 717-263-2393

82 Chevy Chevette 4 cyl Isuzu dsl., 4 dr , 5 spd , excellent fuel mileage, new exhaust, one owner, high miles, $1050 717-458-4244

Scotch Highland cattle registered herd bull, bred cows weaning heifers bulls Roger Jestel, 223 Moul Rd , Hilton, NY 14468

1976 Int 1600 cattle truck, 14' wood body, $2200 HD golf cart w/gas motor, $125 Montour Co 717-437-2721

Purebred Barbados cheep Two ewes, two spring lambs, $50 ea Nubian, Toggenburg milking goats, $75 ea Fulton Co 814-685-3904

1960 Chev truck, new paint, 16' box 17,000 gross wt North'd Co 717-797-3793

Ford 4000 gas tractor select-o-speed, excellent cond., only 1300 hrs , $5350 Tioga Co 717-673-5769

NH 78 baler for parts, no PTO, $95, 3PT cultivator w/ fert attach , $175 York Co 717-235-2032

For sale or trade- 85 Big Red 3-wheeler for Holstein heifer or gentle horse Wanted- Black Appaloosa mare & gentle pony 717-768-7405

Sylvester & Tweety Bird yard ornaments, runs with the wind Pleasant Valley Rd , between 625 & 897 Lanc Co 215-445-6807.

2-wheeled horse cart like new (w/lights) 35% off new 7HP Honda engine Also mudmixer w/new engine Lanc Co Israel S Beiler Jr , 343 Christiana Pk , Christiana, PA 17509.

Self-contained truck camper, sleeps 4 adults, lots of room, excellent cond Maytag wringer washer, good cond , $65 Berks Co 215-670-1260

8 ton mulch hay, clover & timothy 3-years 8-1-ton stack. Col Co 717-925-2597

Hay (alfalfa brome mixed) $1 50/bale, 3 bottom 14" plow, 3PH $325 717-432-2284

Floor scale "Howe" type 40,000 lbs capacity 8 ft x 18 ft $2500 OBO York Co 717-938-1930 after 5 p m

NH 273 baler has kicker, $1475 640 Ford tractor $2475 NI 325 narrow picker 12 roll bed, $4500, NI 325 narrow 8 roll bed $1975 717-354-0266

Adorable Catahoula puppies, pets, & working farm dogs for sale Queen Anne's Co , Md 301-758-1606

3 yr old saddlebred horse real good driver John E Stoltzfus, 1680 Noble Rd Kirkwood, Pa 17536

Lumber, thousands of board ft of cherry & black walnut, stacked & air dried, Lanc Co 717-872-6548 ask for Tom

Morgan mare 3 yrs 15h bay quiet but flashy green broke to ride, $1800, firm Berks Co 215-689-4124 after 5 p m.

18 ft Brillion field cultivator w/hyd fold wings Can be made into 12 ft Asking $1500 Union Co 717-966-1118

Loadstar front end 1800 350 Perkins dsl engine w/ air compressor bell housing No Sunday calls. 717-739-4841.

Registered Holstein bull sired by Chairman, dam has records to 21,631 lbs 4 0% test Call 717-944-3970

Fast hitch 2 row corn planter $50, fast hitch bale carrier $25, grindstones $20 SW of York, Pa 717-755-2185 after 6 p m

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6 ft 3PT disk & 6 ft cultipacker, excellent cond Also JD No 2 hay tedder Berks Co. 1-215-562-8616

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2 log structures, 12x20 and about 14x20, 1 chest type freezer 21 cu in working cond Benuel B Fisher, #1 Millersburg, Pa 17061.

24" air blast unit elec start Also 100 gal. sprayer 8HP Columbia Co 717-784-0848

Round metal incubator Brower Co 40 goose, 100 chicken New element. $50 York Co 717-632-4791

Deep-Rock portable water well driller Complete setup, like new Will deliver Chester Co 215-932-2426

Wheat straw 50¢ bale, mixed hay 90¢ bale York Co 717-637-9536

52" Roan mare white mane & tail, good confirmation ride & drives easy rider, $450 Call 215-445-6181

Sex-Sal pullets 24 wks old Christ G Stoltzfus, R1 Box 80D, Cochranville, PA 19330 Homerville Rd Chester Co

Standardbred horse 5 yr old, German Shepherd pup free to good home Call 717-656-0486

AC "B" tractor hand crank good shape $675 Ford 8000 toy pedal tractor w/ metal seat $135 cash York Co 717-938-6322

Big Dutchman egg gathering units w/nests One 3 belt 200 ft long One- 2 belt 200 ft long Also feeders & waterers Make offer Leb Co 215-589-4641

Sorrel general purpose horse, broke single & double, traffic safe & sound Elam H Zimmerman, R1 Box 149, Narvon, PA 17555

Ewe lambs- yearlings whiteface cross breeds, southdown sired shorn wormed ready for grass Westmoreland Co Call after 4 p m 412-668-2709

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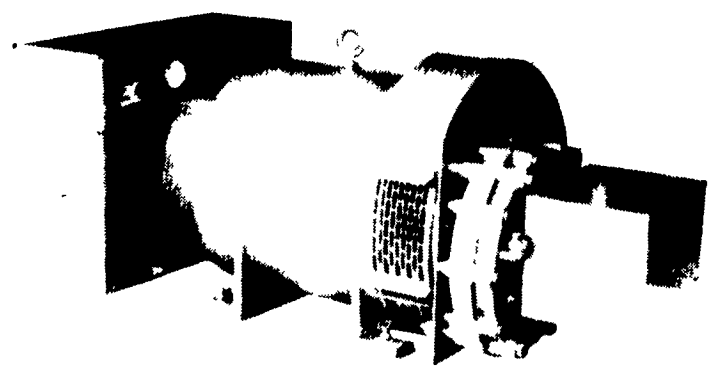

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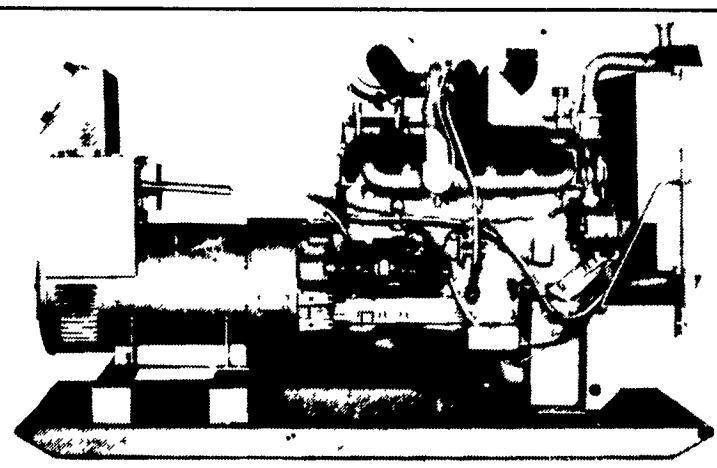

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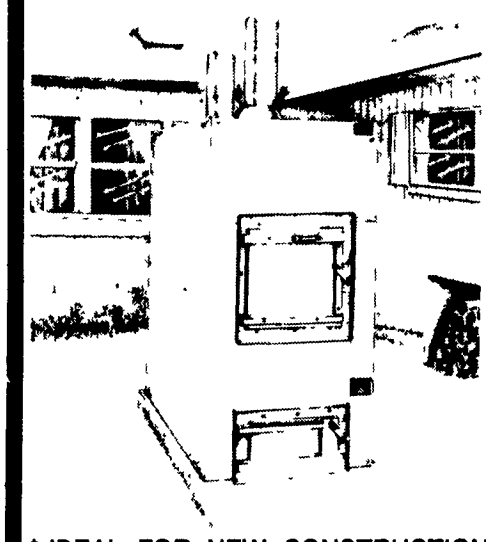

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Cheviot yearlings & lambs, ewes & rams, all purebred, some registered, reasonable Schuylkill Co 717-943-2017

4 horse Gooseneck trailer w/sleeping quarters & talk compartments, $4500. Also registered quarter horses Berks Co. 215-987-6887.

2 48" fans & shutters; 1 24" fan, 1 30" fan-jet, 1 180,000 BTU gas heater York Co 717-938-2197

Delaval glass pipeline 1½" 70 cow, make offer Weaverline elec silage cart older model, VG cond, $700 Warren Co 201 689 3332

410 MF combine, with 13 ft flex head with wuck attachment, field ready to combine Perry Co 717 567-3591

1960 F-250 60K original miles, 292 V-8, good cond, excellent collector's piece 301 398 7680

Ford 8N w/front end loader, cont pump, new paint, ready to go, $2850 Cumb Co 717-532-6676 or 301-997-8319

150 tons chicken manure, only $4 per ton Near Pine Grove, Schuylkill Co, PA 17963 Call 1-717-345-6278

2 used pony harnesses $60 & $90 Eves. & Sat. Levi Zook, 3438-A Harvest Dr, Gordonville, PA 17529 Lanc Co

15 KW alter PTO $1000 firm Parting 203 combine belts good motor will fit some tractors Lanc Co 717-733-7069

Western cedar siding 11,707 linear feet, of 10" wide at 30¢ a linear foot Berks Co Luke Martin 717-933-8541

Thoroughbred 2 yr filly registered Pa bred Good size & conformation, nice disposition, easy to teach Asking $3000 Burlington Co 609-261-9455

Heating fin pipe 20 lengths 5'x¾, new still in boxes, $150 Burlington Co, NJ Call 609 268 1218 after 6 p m

Mustangs ten two 67 convert Two fastbacks 1968 350 GT 1967 Grande 1970 Hardtops, Coupes best offer on package Glouster Co 609 881-0880

NH L425 skid loader 900 hrs V G cond Symbol bull calf, dam VG-87 EX mammary at 2 yrs, gr dam EX-91 Lanc Co 215-286-0398

1972 Fiat Spyder, project car never finished, many new parts, body in excellent cond, engine rebuilt, but not running Call 717-938-5927

6 ton feed bin $500, Pomeranian pups, tobacco lath, tobacco planter. Make offer Samuel Stoltzfus, Pequea Valley Rd, Kinzers, Pa

International pull type #82 combine $1200 York Co 717-235-7391

1st cutting mixed hay, orchard grass/alfalfa, timothy/alfalfa. Samuel J Allgyer, RD#2 Box 456, Parkesburg, Pa 19365

JD 2010 dsl., NF, PS, 3PT fresh engine, orig paint, $3500 neg Lebanon Co 717-469-0356 or 469-2138

1968 Mercedes Benz 250-S 6 cyl gas automatic, restoration or parts, runs good, $500 OBO North'd Co 717-286-9380

Windrow pickup for JD 12A or 30 combine and shingle & stake for Belsaw mill Sch Co 717-345-4664

JD 520, JD A, JD 46A loader, JD 24T baler, JD grain drill, much more, $10,000, make offer. Allegheny Co 412-741-4691

NH liquid manure pump trailer mounted 10' depth bough, 9-85- 1980 Deutz Dx-110 tractor 4-wh drive, 300 hrs Broome Co, N Y 607-724-0473.

471 Detroit power unit complete w/Rockford clutch & pulley, ex cond. & ready to go, $2300. Washington Co 301-791-9326

Surplus container grown liners- white pine, hemlock, yews. Monmouth Ct 609-758-8207 after 6, quantities limited

Kubota B5100E tractor, 46" mower deck & snow blower 3 pt hitch & PTO, good cond. Bucks Co 215-343-3475 after 6 30 p.m

1948 Farmall cub, looks, runs like new w/mowers, cults, $3150, utility trailer 5x8, stake sides, lights, like new, $450 Berks Co 215-582-3704

1969 Thunderbird, 57,000 miles, 2-door, new tires, runs excellent, 2nd owner, over $1000 spent on repairs, $1275 Berks Co 215-678-4394

Flatbed 16' trailer, tandem axle, electric brakes, mileage less 2000 717-396-9334 after 5 p.m

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3 used sputnicks in excel. cond. new wheels & rubber parts, available now Will deliver. 717-354-4346. Emanuel Zook

Tool to assemble Bou-Matic stretch bore liners, $65 OBO Also 1 H 127SP combine for parts Lanc Co 717-354-5691

Scour kleen/part's for 12A combine, air cond, tractor/combine, 3 pt. sprayer 2-10' pipe gates Hog nurseries/fencing Berks Co 215-683-5269

Mini pigs for sale as pets, adult wgt 150 lbs ready in July, $100 Delta Co 215-459-1327 after 6 p m

IH Cub Cadet 14HP tractor w/48" mower, hydraulic lift, flotation tires Blair Co 814-943-3826

3 & 4 yr old sorrel work horses, both work on lead side Jacob King, 681 Red Hill Rd, Narvon, Pa 17555

Dellinger hammer mill, extra blades, good cond York Co 717-382-4450

1987 Arndt triple crown 2 horse trailer, 7' high step in red, used one time Showroom cond $3950 Lanc Co 717-397-4493

Inter 91 combine on steel wheels, working con but needs minor repairs, would sell parts Berks Co 215-683-5688

35 head grade Holstein cows, all stages of production, also some bred heifers Leb Co 717-949-2052

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Farmall Super A tractor, good shape, cults ground plow, $1800 Hydralic lift Lanc Co 717-626-0755

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IH 4-14 semi mont plows $250 MH80 special combine for parts Columbia Co Call after 6 p m 717-672-2668

NI 323 corn picker $1800, NI single beater & 3 beater spreaders $1200 ea, single tobacco ladder wagon $165 Lanc Co 717-653-5926

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Good used 3 pt 2-row cultivator w/center guide $155 Lebanon Co 717 949-3547

"Frick" portable steam engine, 8flx10 But Strap boiler, excellent condition, $7,000 301-293-2127 after 6PM

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7 hanging rabbit cages w/ feeders & water nibbles, good cond, $50 Lanc Co 717-768-7174

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AKC Boxer puppies fawn & white females, only, excel w/children $200 Dau. Co 717-599-5818

8 holstein heifers bred due July 20 to Sept Leb. Co. 717-866-2976.

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Calf hutches $80 David Stoltzfus, 57 Griest Rd Lanc Co Brown Rd at Little Britain, 2nd road right

210 bred gilts, some due 1st of month Franklin Co 717-532-6079

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1979 Peterbuilt tractor co 400 Cummins 10 Sp excel cond , 95% rubber- a/c 301-582-4738 leave message. Wash. Co Md

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CATERPILLAR 35 in good running condition $1000, MF #10 baler w/motor or PTO in working order $750 B L Stoltzfus, RR3, Box 218, Mechanicsville, MD 20659

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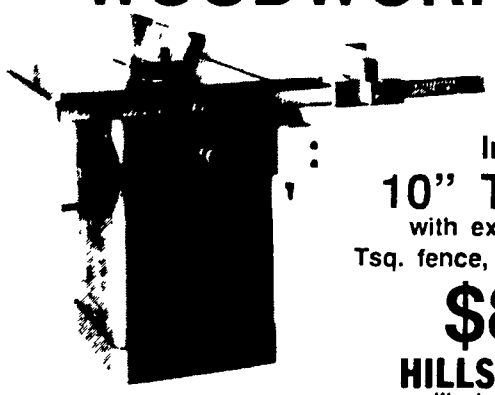

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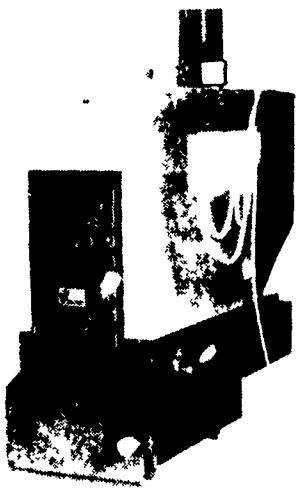

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Attic Flooring and Log Houses 717-626-4520

Irrigation pipes, all sizes needed. Linda- 201-755-2285

Isuzu Trooper II dsl, Jeep Cherokee dsl, other 4x4 diesels Also buying new & used guns York Co 717-993-2288

John Deere mower Model 9, for parts. Chester Co. 215-593-5600.

One horse spring wagon, any cond, and 11" or 12" belt pulley for Int TD6 or complete gear box w/ pulley. Lanc Co 215-445-6345.

Loose haying tools Haymow forks, track carriers, knives, etc for collection Write Robert Rauhauser, Box 766 R2, Thomasville, Pa 17364

Feed bin 1½ to 3½ ton, gravity type Chester Co Call 5-9 p m 215-942-3925.

Someone to combine small field of rye. Bucks Co 215-766-0281.

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Sale Reports

CULVER SALE

The Revluc Complete Dispersal was held June 23 by John and Reva Culver, between Tunkhannock and Wyalusing, Pa.

Some machinery prices included: IHC 826 Diesel tractor $4800, IHC 560 gas tractor $1825, IHC 300 gas tractor $800, N.H. 717 chopper w/2 heads $750 and N.H. 461 haybine $650.

There were 44 registered and grade Holsteins sold and the top cow brought $1700. The second high was $1200 and the third high cow sold for $1100. One heifer brought $550 and calves sold for $350 & $450.

Gordon Wood managed the sale with William Kent as auctioneer.

STAUFFER SALE

A Public Sale of antiques and household goods was held June 25 by Wilbert and Mary Stauffer, 910 Hopeland Road, Hopeland, Lanc. Co., Pa. There were 345 registered bidders at the sale.

Some prices included: Ford 8N tractor $2000, Ford 600 tractor $1800, Bush Hog mower $430, side delivery rig $290, Regina music box $1225, Victor Victrola with wooden "morning glory" horn $1175, spool cabinet $400, oak parlor table $125, 3 pc. marble-top walnut bedroom suite $1300, cherry drop-leaf table $410, grained jelly cupboard $450, martin birdhouse $70, milk bottles from former Mountain Valley dairy in Manheim $35 to $75 each, 2 antique ice cream dippers $55 each, 2 Mosemann peanut butter tins $60 & $85, Planters Peanut box $50 and Remington Model 14 .35 caliber rifle $250.

The auctioneers were T. Glenn Horst, Timothy G. Horst and Thomas A. Horst.

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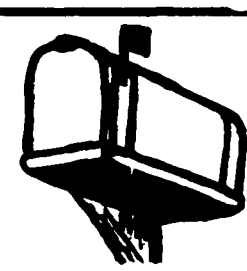

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Public Auction

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HOUSEHOLD- GUN- ANTIQUES

Old oak 2 piece 7' high hutch w/2 glass doors, 2 drawers, 2 wood doors (4 generations old); wood wardrobe with mirror and sliding drawers; hanging mirror; crocks; coal buckets; qt. milk bottle-Penn State Univ. 1855; qt. milk bottle-Erdleys Dairy, Lewisburg; asst. sizes Berwick Creamery milk bottles; wooden milk crate, Berwick Creamery; 2 copper wash boilers; maple crib; jelly glasses; rocking chair; quilt frames & clamps; piano bench; rug frames; wash tubs; Speed Queen wringer washer; Singer Elec. sewing mach.; 2 sadirons; 1 ton pea coal in bags; bicycle; many items too numerous to mention.

Old Stevens 12 gauge hammer shotgun.

AUCTIONEER'S NOTE: This auction is being held as Mr. Seely has sold his farm and is retiring from farming.

Statements made day of sale take precedence over previously written material!

OWNER OR AUCTIONEER NOT RESPONSIBLE FOR ACCIDENTS!

TERMS: Cash or travelers checks. Complete payment auction day. Checks accepted with current bank letter of credit unless known by Auctioneer or Seller.

SELLER:
GLEN S. SEELY

LUNCH: Yes.
Plenty Of Parking
OLEN R. KNECHT, AUCTIONEER
AU-001765-L
R.D. #2, Box 15, Orangeville, PA 17859
(717) 683-5955

Sale Reports

WERT SALE

A Public Sale of antiques was held June 24 by George Wert and also a lot from Newville, R.D., 5 miles west of Carlisle, Pa.

The following toys were sold: cast iron horse & wagon $105, Case steam engine $197.50, fire engine $62.50, Lionel engine $45, Ford toy tractor $46, antique tin car $49 and Bisque doll $175.

Other items sold were: Newville jug $115, Nippon chocolate set $62.50, glass butter churn $55, antique wooden crib $85 and drysink $275.

Kevin M. Wickard was the auctioneer.

ZEISET SALE

A Public Auction of garage equipment and tools was held June 21 by Ernest Zeiset, Bowmansville Garage along Route 625 in Bowmansville, Lanc. Co., Pa.

Some prices received were: S.K. ¾" socket set $135, bolt bin & bolts $345, impact bin $57, gear puller set $95, fuel injector tester $175, diesel compression tester $100, air jack $245, battery charger $175, torque wrench $75, Monitor #2000 $330, brake bleeder $25, jack stands $55 each, Ammoco brake lathe $3700, truck wheel dolly $220, transmission jack $260, computer alignment center $300 and auto manuals $11 each.

The auctioneers were Roy Good, Jr., Randal Kline and Lloyd Kreider.

BITTENBENDER SALE

A Public Auction of real estate and antique furniture was held June 25 by Getha S. Bittenbender, 10 West 5th Street, Bloomsburg, Pa.

The 8 room brick Victorian house and 3 room dental office with full basement and garage on a 185 ft x 44 ft lot was sold for $66,000.

Other items sold were: Karastan rug 10x12 foot $1000, Karastan rug 10x14 foot $1050, Federal style sofa $550, mahogany secretary from Georgetown Collection $675, Empire chest of drawers $120, Birdseye maple bedroom suite $275, maple twin bed set $425 and Sheraton style diningroom suite $650.

Donald E. Hock and George J. Henry were the auctioneers.

STOLTZFUS SALE

A Public Auction of construction equipment was held June 25 for John W. Stoltzfus, 2957 Church Road, Bird-in-Hand, Pa.

Some prices received were: cement trowler $1000, cement mixer $700, air compressors $600, $400 & $335, generator $725, miterbox saws $300, $135 & $100, air nailers $320, $300, $270, $260 & $225, transit $375, Hilti fasteners $200 & $100, truck rack $210, heater $250, motor $375, extension ladders $200, $160 & $80, scaffolding jacks $500 & $370, brake table $460, plastic drain pipe $355, step ladder $125, drills $100, $120 & $125, extension cord $110, six-foot levels $75, $70 & $65, wheelbarrows $55 each and pump $250.

The auctioneers were Gordon Ressler, Sam Stoltzfus and Ron Funk.

SHAFFER SALE

A Public Auction of guns and tools was held June 25 by Doris Shaffer, from Quarryville, Pa. take Rt. 372 west to Ridge Road.

Some prices included: Stihl chain saw $80, Craftsman welder $110, acetylene torch set $335, air compressor $155, drill press $100, Rockwell band saw $310, Craftsman lathe $175, Craftsman belt sander $55, bayonet $42.50, Winchester model 97 16 gauge gun $275, Winchester 12 gauge gun $265, Mauser 7MM rifle w/Tasco scope $360, Mauser 30-06 rifle $52, Smith & Wesson 38 cal. pistol $160, and 28 cal. pistol $45.

Lloyd Kreider, Randal Kline, Roy Good and Gary Shirk were the auctioneers.

LYTLE SALE

A Public Sale of real estate and household items was held June 25 by Faye Lytle, 1½ miles northeast of Middleburg, Snyder Co., Pa.

The 4.76 acres of land with a 3-bedroom dwelling and a 1971 New Moon mobile home was sold for $72,200.

Other prices received were: Craftsman lawn mower $325, bedroom suite $395, cook stove $100, Gibson refrigerator $65, Int. chest freezer $40 and Electrolux sweeper $60.

Ken Smith was the auctioneer.

FREY SALE

A Public Auction of real estate was held June 25 by John M. Frey and Ruth Ann Frey, R.D. 2, Annville, Dead End Road, Lebanon County, Pa.

The ranch house with an attached two car garage on a 1.48 acre lot was sold for $91,000.

The auction was conducted by Nelson L. Ebersole and Ira R. Shoop.

BRIGHT SALE

A Public Auction of antiques and collectibles was held June 25 by Mrs. Carroll F. Bright at the Auction Barn in American Corner, Md. between Denton and Federalsburg. People attended the sale from six states and Canada.

Some prices included: oil painting $1000, 6 arrowback chairs $200 each, pie safe $900, pine benchtable $1100, pine drysink $1300, pine dresser $400, rope bed $500, pine washstand $250, small dropleaf table $300, pine dough box $550, pine blanket chest $300, butcher block $105, Oriental rug $700, sofa $500, small wooden trunk $150, small pine corner cabinet $1500 and small ox yoke $150.

A. Curtis Andrew Auction, Inc. conducted the sale.

FARMERSVILLE AUCTION

MON., JULY 4, 1988

8:00 A.M.

In Farmersville, Take Rt. 23 W. thru New Holland, turn right at Goods Furn. go about 3 mi. to E. Farmersville Rd. turn left - go about 3 mi. to N. Farmersville Rd. turn right to auction on left.

Antique & Collectibles Auction

Mah. Queen Anne high boy; 6 pc. mah. poster bed bedroom suite; 4 pc. mah. bedroom suite; 7 pc. East Lake parlor suite; Art Deco slant top desk; 2 jelly cupboards; cane seat chairs; spinning wheel; complete; 1 drawer walnut wash stand; oak wardrobe; oak Larkins desk; 3 pc. cottage bedroom suite; Art Deco double bed; empire bureau; set of 4 oak chairs; dough tray; very old Wilson treadle sewing machine; 6 drawer Singer treadle sewing machine; dovetailed wood box; mah. harp table w/glass top washstand; Federal sofa; organ stool w/back; cherry drop leaf table; Victorian stands; oak chest of drawers w/mirror; etc.

2 man butter churn; colored bell boy ash tray; dep. radios; hooked rugs; beaded purse; tin wind up toys; 52 pcs. depression glass; opalescent glass; 8 various size Griswald frying pans; Griswald muffin pan; baskets; green agate bucket; other agate pcs.; Effanbee composition doll; new china head dolls; doll repair tools; Fiesta; carnival glass pitcher; cast iron frog & bull dog; 1919 public sale poster; large Winchester poster; hot p. nuts display case; tiffany type lamp; 36 pcs. Fostoria; wooden pencil boxes; Nippon & Austria vases; Imperial glass; pressed glass; bear banks; Western #5 stoneware crock; Humpty Dumpty wooden egg crate; Farmer in the dell toy; gypsy pot; marietta cast iron kettle; bayonets and swords; wooden bucket; cigar dryer; large slaw cutter; wooden shovels; Mountville corn sheller; wooden rakes; new & old quilts; tin ice cream dipper; P.B. tumblers; horseshoe tumblers; etc. etc. This is a brief list.

2nd auctioneer w/start at 10:00 A.M w/ furniture. Quits at 2:00 P.M. No out of state checks!

WE SELL ON COMMISSION

Call JOHN J. RUTT

(717) 354-5095

Auctioneer: Larry Rutt
AU-2455-L
R4 Ephrata, Pa 17522

Next antique & collectible auction on Labor Day.

Short Notice Sale at GLOBE-RUN FARMS

R.D. Petersburg, PA — Huntingdon Co.

Complete Dairy Herd Dispersal Of John Sr. and Annabelle Foster Due To Their Retirement.

Farm is located just off Rt. 305 on Globe-Run Road. 18 miles south of State College — 16 miles north of Huntingdon — 30 miles northeast of Altoona. From the North take Rt. 26 through State College and continue over Tussy Mt., take the first blacktop road to the right at the foot of the mountain and then turn onto Rt. 305. From the south take Rt. 22 to Alexandria and turn onto Rt. 305. 10 miles to farm. Watch for signs.

MONDAY

July 11, 1988

Starting At 10:30 A.M.

100 — REGISTERED HOLSTEINS — 100

55 Milking Age

15 Bred Heifers, 15 Open Heifers, 13 Calves & 2 Yearling Bulls

The herd has been vaccinated for IBR, BVD, PI^3, haemophilus, Lepto 5 on a regular basis for the past 10 years. The herd has been certified and accredited for 12 years. All animals of age have been calfhood vaccinated for Bangs.

30 DAY HEALTH CHART & PREGNANCY CHECK

Herd is classified and DHIR tested—

87 Herd Avg. 19,259M. 3.6% 700F 3.1 Protein 605 Lbs.

Feb. 88 B.A.A.- 105.4 selling 1 EX.— 12 V.G.— 5 EX.M.— 11 VGM

This Is A Young Herd With Fancy Udders.— Average Age At Calving Is 3 Yrs.

Sires Include:

Columbus, Wayne Springs, Citation R, Warden, Odessey, Astro Jet, Starbuck, Valiant, Elevation Tony, Quality Ultimate, Messiah, Chaplain, Tradition, Elevation Pete, Elevation, Sexation, Globe-Run Glendell Word, Globe-Run Glendell Tim, Globe-Run Matt Max.

Service Sires Include:

Wayne Springs, Warden, Messiah, Astro Jet, Triple-Threat Tab, Camero, High Class, Classic, "Globe-Run Warden Top Gun", Service Sire Globe-Run Warden Top Gun Is The Son Of The Well-Known Globe-Run Sexy Darlene.

3 Yrs.	EX 92	All E's		
2-3	365	20,001	3.9	782F.
3-6	365	29,169	14.5	1317F.

TERMS: CASH OR GOOD CHECK DAY OF SALE

FOR MORE INFORMATION, PLEASE CALL US.

Watch Next Week's Ad For More Info.

Owner,
John A. & Annabelle Foster, Sr.
814-667-3567

Sale Manager,
John A. Foster, Jr.
814-669-9486

Sale Reports

STUCK ESTATE

A Public Estate auction was held for the Estate of Charlotte E. Stuck on June 25 in the borough of Freeburg, Pa.

A two story log dwelling situated on a ½ acre corner lot in the borough of Freeburg, Pa. was sold for $26,000.00 to Larry & Linda Zechman. Other prices received were a 2 pc. Dutch cupboard $3500; a two drawer farm table $5700; 4 ft. mortise bench $350; oak side by side combination $550; Blanket chest w/turned feet $625; 2 Freeburg bottles at $30 each; Small W.H. Grimm Freeburg bottle $52.50; Snyder County history book signed by Dunkleberger $290; Box of old asst. christmas decorations $200; cobblers bench $500; Daton childs wheelbarrow $55; one drawer table $180; H.W. Alleger pump organ $300; dovetailed dough box $255; cradle $200; wood box $260.

Auction was conducted by Dale L. Longacre Auctioneering.

LITITZ AREA MENNONITE SCHOOL BENEFIT

A Public Auction for the benefit of the Lititz Area Mennonite School was held for the 11th year June 24 and 25 at 1050 East Newport Road, Lititz, Pa. There was a good turnout for the sale.

The 3-dimensional handcrafted painting "Old Mill and Cider Press" by Zook's Art Studio, Myerstown, Pa. was sold for $9200.

Quilts ranged from $300 to $800 each with the two top ones bringing $1000 and $1200.

The Winross trucks sold as follows: Paul H. Kurtz truck $715, White Oak Mills truck $500 and Stauffers of Kissel Hill truck $280.

Eight local auctioneers conducted the sale.

LOVE SALE

A Public Auction of real estate and masonry equipment was held June 21 by Donald Love, Water Street, Yoe, Pa.

The 1.15 acres with a block building used for storage of equipment was sold for $38,000.

Other items sold were: new mortar mixer $1375, 2 used mortar mixers $550 and $575, scaffolding $100 per section (average), wheelbarrows $10 to $35 each and 3500 watt generator $450.

Blaine and Nevin Rentzel were the auctioneers.

CENTRAL MANOR AUCTION

We Will Sell One Item Or An Entire Houseful And Pay You The Same Day That Your Things Are Sold... Or We Will Buy Your Antiques, Etc. For Cash... So Get Rid Of Those Good Old Things You Don't Use. Call Today. 717-285-5976, Or Bring Your Things To

CENTRAL MANOR AUCTION

690 Central Manor Rd.
Lancaster, Pa. 17603

We Receive Every Wednesday From Noon Until 8:00 PM For Our Regular Monday Night Sales.

Attention! Attention!

Farm Equipment and Tire Dealers

Interested In Buying Or Selling Goodyear Tires In Your Business? Contact Ken Morgan, Mgr.

Farm Tire Sales
Goodyear Tire & Rubber Co.
Scott Plaza #2
Philadelphia, Pa. 19113
215/521-4000

PUBLIC SALE

FRIDAY EVENING, JULY 8, 1988
At 5:30 P.M.

Located on Route 850, 2 miles South of Kistler, Pa. 6 miles West of Loysville, Perry Co., Pa.

REAL ESTATE

4½ Acres with 2-story Frame House, aluminum siding, full bath, wood furnace and electric heat, 4 bedrooms, carpeted, cemented basement, nice kitchen with built-in dishwasher; Approx. 2 acres open ground and 2 acres wooded; Road frontage — recently surveyed.

GUNS

Winchester Mod. 70 pre-64 30-06 Calibur; Winchester '66 Commemorative-Gold Receiver - New; Winchester 111. Commemorative - New; Winchester NRA Musket Commemorative - New; N.R.A. Commemorative Rifle; Sears (Savage) double barrel 12 Ga. Shotgun; Savage Sporter 22 rifle - Mod. 23; Blank Revolver 22 cal. (New); Marlin Model 39 - 22 Cal. Lever Action; Remington Mod. 14 35 Rem. Cal.; Remington Mod. 760 30-06 Cal.; Survival Gun - Semi-auto. Take down; Harrington & Richards 410 & 30-30 Comb.; Thompson Center 50 Cal. Muzzle-loader rifle; Enfield 22 Hornet Clip feed (Rare)

(All Guns In Excellent Condition)

Also selling a Variety of Household Goods & Antiques.
Sale Order: Household Goods, Guns, Real Estate

I.D. Required for Bidder's No.
Not Responsible for Accidents
For Real Estate Inspection — Call Wm. Palm, 717 789-3243

Sale Managed By-
AUCTION SERVICE KLINGS
Landisburg, Pa. Lic. #500

Owners-
WILLIAM & NANCY PALM
R.D.1, Loysville, Pa.
717 789-3243

PUBLIC SALE

OF
REAL ESTATE & HOUSEHOLD GOODS

20 Mylin Ave., Willow Street. Turn left off Route 272 going north at United Church of Christ.

TUESDAY, JULY 12, 1988
AT 4:00 P.M.

Corner lot app. 90x140 bordered by street on 3 sides, erected thereon a frame bungalow covered with aluminum siding, storm windows, 3 bedrooms & bath, large living room, kitchen, full basement, hot water auto. oil heat, with city water & sewer. Macadam driveway.

Real Estate to be sold at 5:30.

Terms by
Elizabeth Binkley Trust
Donald B. Binkley
Gerald C. Binkley
Trustees

10% Down. Bal. in 60 days or upon settlement. Open house by appt. 464-3074.

PERSONAL PROPERTY

Toaster oven; 2 elec. coffee pots; toaster; 2 burner hot plate; Electrolux sweeper w/ att.; 2 window air conditioners; large stainless steel roaster and other cookware; window fan; kerosene heater; copper wash boiler; 2 shoe lathes; Copco cookware.

Rug app. 10x24 with pad; cane seated spindle back chair & rocker; 2 upholstered living room chairs; chest of drawers; oak ext. table w/3 boards; occasional tables; kitchen cabinet; balance scales w/weights; crocks; baskets; TV trays; white bone china service for 12; silverware; spring & mattress; iron bed; small pine table w/drawer.

Transit with tripod; wood lathe w/tools; 1 set of Jennings wood bits; other carpenter tools; fishing rod & reel; trussels; garden hose; lawn bench; 3 carpenter tool boxes; wooden storm door; awnings; 2 pr. crutches & walker; ladies' Schwinn 5 speed bicycle; 9 folding chairs; books on Greeks & Hebrew, clock.

2 large screw building jacks; furniture clamps; ladder jacks; cherry lumber (seasoned). Other articles.

Terms by:
Miriam Binkley Est.
Erica B. Frost
Executrix

J. Everett Kreider - Auctioneers - AU512L
Stanley Bucher
Martin Heaps
May, May & Metzger, Attorneys

PUBLIC SALE

MANY ANTIQUES - HOUSEHOLD FURNISHINGS - JD GARDEN TRACTOR - BUTCHERING EQUIPMENT - FISHING EQUIPMENT - ETC.

SAT., JULY 9, 1988
AT 9:00 A.M. SHARP!

DUE TO HAVING SOLD HOME, WILL HAVE PUBLIC SALE ON THE SITE LOCATED MIDWAY BETWEEN MT. HOLLY SPRINGS AND BIGLERVILLE ON ROUTE #34 TO IDAVILLE SQUARE THEN TURN WEST 2 MILES TO KNOUSE FOODS THEN SOUTH 1 MILE TO MT. TABOR CHURCH, THEN NORTH 2/10 MILE IN ADAMS COUNTY, PA.

ANTIQUES
BUTCHERING EQUIPMENT

Blanket chest; Nice Seth Thomas shelf clock; Treadle sewing machine; Stone jugs & crocks; Market baskets; Quilts; 2 Meat plank; 1917 Tin lunch pail; Broad axe; Foot & Cooper Adz; Bark spud; Slick; Corner & wood chisels; 20 Wood & iron planes; Brass lined wood rules; Post hole axe; Farrier Tools-Hammers, Tongs, Nippers, Traveler; Levels-2 & 4 Ft. wood & metal; Squares; Brace & bits; Draw knives; Wood hung auger; Froe; Grain cradle & flail; Wood pulleys; Hay forks; Straw cutting box; Hay knives; Ice tongs; Sythes; Log dogs; Wood straw forks; Wood rakes; Wood tub; ½ Bu. measure; Berry carriers; Egg crates; Coal sieve; Barn lanterns; Bag wagon; Tobacco cutter; Wire stretcher; Hog catcher; Sleigh bells; Slaw boards; Wash boards; Egg baskets; Gigs; Single trees; Steelyards; Beam scales; Bucksaws; Cross cuts; Wood clamps; Mitre box; Split mauls; Wedges; Axes; Cleavers; Trammels; 1-horse corn planter; Cast iron kettle; Meat grinders; 2 Lard presses; Scaulding trough; Knives; Forks; Scrapers; Hooks; Ladles; Pipe & Monkey wrenches; Horse hames, some with mirrors & clocks; Oil stove; Painted milk cans; Meat saws; 1-Horse cultivator; Tool boxes.

NOTE: This is a real nice, clean sale of Household & Tools, etc.

No inspection until sale day. Lunch stand. Not responsible for accidents.
TERMS: Cash, Travelers, Cashier or Personal checks with approval.

JEAN H. CLINE GIBBS
& EDWARD A. GIBBS,
Owners
CLAIR R. SLAYBAUGH, Auctioneer
Phone: 717-677-7479
Pa. Lic. #856L

Note: A Partial Listing

PUBLIC SALE

OF VALUABLE ANTIQUES, COLLECTIBLES, GAS ENGINES, BUTCHER TOOLS & MISC. ITEMS
TO BE HELD ON
SATURDAY, JULY 16, 1988
~~AT 9:00~~ A.M.

LOCATION: Rt. 111 (old trail) in Jacobus to Valley Rd. turn right, .8 mile to sale OR I-83, Exit 3 Loganville west to old trail. Turn right, proceed to Jacobus to Valley Rd. turn right, to sale. FOLLOW SIGNS!

ANTIQUES & COLLECTIBLES & HORSE DRAWN ITEMS

Reliance oak ice box, nice; pine dry sink w/ zinc lining; oak dry sink; pine high top kitchen cabinet w/ 12 window panes, nice; pine church pew; 4 rope beds, pine side board; Empire chest of drawers; 5 leg oak drop leaf table; pine dove tailed blanket chest; chest of drawers; pine cabinet; 2 floor model radios; oak pump organ, nice; oak white treadle sewing machine; oak treadle Singer sewing machine; rocker; odd chairs; Grand Bride cook stove; Buck Walter pot bellied stove; Howel & Windsor stove; Columbian Censor coal stove; Small & Smyser coal & wood stove, York, Pa.; school desk; corner cupboard; pine hutch; sad irons; gypsy pot; wash boiler; church light; hanging scales; egg crates; crocks; ½ bu. measure; cream cans; milk cans; nice; Pepsi Cola thermometer; leather couch; apple butter kettle; apple butter stirrer; butter scales, nice; dishes; stainless steel pans; 2 horse buckboard wagon, nice; early horse buggy made by Wise Bros., nice; 1 horse cutter sleigh by Wasso Carriage & Sleigh Co.; signed grain cradles; harness & collars; 2 two hole corn shellers (1 from B.M. Root, York, Pa. & 1 Hench & Dromgold, York, Pa.); 2 platform scales; horse plows; grain fan; 1 horse ice cutter; wagon seats; straw cutter; double trees; single trees; iron wheels; Auchey cast iron water trough; lightning rods & weather vane; wooden pulleys; blacksmith tongs; blacksmith hammers; hand augers; wheelwright; wooden wheelbarrow; Model T Ford tool box; wooden shovel; 2 wooden straw forks; 10 gal. gas cans; 1960 Case tractor banner & more.

GAS ENGINES & PLATE MILL

Hercules 3 hp. on truck; Associated 1½ hp. gas engine; Frost King (Lawson) 1½ hp. gas engine; New Holland plate mill.

BUTCHER TOOLS

Farmer's Friend 2 hole butcher furnace; 1 hole butcher furnace made in New Oxford, Pa.; scalding trough; meat benches; meat grinder; sausage stuffer; lard press; kettles and kettle hangers.

FARM MACHINERY & MISCELLANEOUS ITEMS

J.D. 4 section harrow; J.D. cultivators; Dellinger hammermill; grass seeder; 2 big oscillating fans; hog troughs; pipe; bench vise; snow fence; fodder shredder; 4 hole hog feeder; chicken feeders; 275 gal. fuel tank w/ pump; new dusk to dawn light; new lawn cart; garden tools; push mowers; step ladders; 24' wooden ext. ladder; 55 gal. drums; tools; Craftsman ¾ " drive socket set; chestnut rails & logs; 20' roof rafters; several piles of lumber; several piles of tin; log chains & wagon load of small items found around the farm.

TERMS: Cash or good and approved check.

(NOTE) 1977 Pontiac Car, 4 Door, Green, 82,000 Original Miles, PS, PB.

OWNER: ROBERT (BOB) INNERST
R.D. #2 Box 326, York, Pa. 17403
(717) 428-2345

AUCTIONEERS:
Melvin Haines (717) 764-2241
Ralph Brenneman (717) 741-1728
LIC #379L 708L

REFRESHMENTS WILL BE SERVED.
NOT RESPONSIBLE FOR ACCIDENTS!

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

JULY

FRI. JULY 1, SAT., JULY 2, MON. JULY 4 Tools, Farm Implements, Vehicles, Dishes & Misc. At 200 Krall Rd., Myerstown, 1 mile south of Myerstown off Rt 501 Estate of Warren A Krall G Harvey Weik, Dale Rudy, aucts.

SAT JULY 2 - Antique Flea Market- Mifflinburg, PA Food, Fun, Train & Buggy Rides at our shady community park, 2 blocks off Rt 45

SAT. JULY 2 - 9AM Misc Items. In Perry County, Just Off Route 274 In New Germantown. (See Sign At The Square). Chuck McGarvey, Owner Chuck McGarvey, Auct

SAT. JULY 2 - 9AM Real Estate 2PM Of 7 Acres M/L Farmette, Antiques & Household Goods Hinkletown, Located 177 Kurtz Road, Earl Township, Lancaster Co , PA (Directions Rt. 322 east of Ephrata, at Hinkletown turn north - east onto Wanner Road to Kurtz Road). Clarence S. Sensenig, Miriam E. Sensenig, Owners. Horst Aucts.

SAT JULY 2 - 9:30AM Real Estate, Antiques & Collectibles, HH, Canoe, Misc Valley View Lake Rd., Millville, Pa. Take Rt. 42 N from Bloomsburg, Exit 34, I-80, turn out Chestnut St. across from Millville High School, 6/10 mi from school. Sellers: Mr. & Mrs Hugh Palmer Hock's Auction Service.

SAT. JULY 2 - 12:30PM The Cumberland Valley Jersey Breeders July 4th Sale. Shippensburg Fairground, Shippensburg, PA, 3 mi. from I-81 on S. Fayette St.

SAT. JULY 2 - 12 30PM Special Estate Dairy Sale At Chatham Area Auction, Rt. 203, 3 mi W of Chatham, & 4 mi. E of Valatie, NY. Aucts: Dave & Jody Luther.

SAT. JULY 2 & SUN. JULY 3 - 9-6 Open to Public Schuylkill Co's First Farm Toy Tractor Auction, Show & Sale At Blue Mt. Hall, Rt 183 Summit Station, Sch. Co., Pa. Jay Riegel.

MON JULY 4 - 8 30AM Tractors And Equipment From Interstate 81 South Of Martinsburg, West Virginia, Take Exit #5 (Inwood), WV Route 51 East Approximately 3½ Miles To Shutts Cash Grocery (Formerly Haines') Turn Right- 2 Of A Mile To Sale -- OR -- From Charles Town, WV, Take Route 51 West, Go Approximately 8½ Miles To Shutts Cash Grocery - Turn Left - 2 Of A Mile To Sale Edgar A. Bohrer, Sale Mgr

PUBLIC SALE

OF REAL ESTATE
(35 Acre Farm)
FARM TRACTORS
(J. Deere 2020- H Farmall- A Farmall)
FARM EQUIPMENT
POWER & HAND TOOLS
BUTCHERING EQUIPMENT
ANTIQUES-
HOUSEHOLD GOODS

SAT., JULY 16, 1988
AT 10:00 A.M.
Loc. Box 164 Sigman Road, R.D. #1 New Providence, Providence Twp., Lancaster Co., Pa.
(Dir.: Take Rt. 272 about 6 mi. south of Lancaster. Turn right onto Pennsy Road. Go 1 mi. & turn left onto Sigman Road to sale.)

Property open for inspection: Sat.'s, June 25, July 2 & 9 from 10:00 A.M. until 12:00 Noon. Or phone (717) 464-3541. Real estate to be sold at 1:00 P.M.

Sale by
EMMIE N. SIGMAN ESTATE
William W. Campbell, Attorney
Howard Shaub (717) 464-3541
Auctioneer (AU-000831-L)

PUBLIC AUCTION

SATURDAY, JULY 16, 1988
8:00 A.M.
TRACTORS - MOWERS - BROOM EQUIPMENT - TOOLS - PARTS

LOCATION: Take Roosevelt Ave. Ext. (Bull Rd.) North off of Rt. 30 in York, PA, Approx. 3 mile to Graffius Rd. "Watch for Signs."

Allis Chalmers B Tractor w/Hydro Lift, PTO, Plow & Cult; Cub Cadet 149 Mower w/Hydrostatic Drive & Hydro Lift, Simplicity 16 hp. Mower w/Hydrostatic Drive & Blade, Craftsman LTV/10 Variable Drive Rider, AC 610 Rider w/Mower, Sunbeam 3 hp. Electric Snowblower, Remington Mighty Mite 500 Chainsaw, Farmall H Heathouser, McCullough MAC 10 Chainsaw, Echo Weedeater, (2) 85 MF Riding Mowers, Sears 8 hp. Rider w/Mower, (2) Snapper Riders w/Rear Bag, (2) Leaf & Limb Shredders, Ground Drive Manure Spreader, Spike Harrow, 2 & 3 Section Spring Harrows, Disc Harrow, 10 ft. Packer, Woods 5 ft. Pull-Type Mower, Seeder, Gas Powered Sweeper, Troy-Bilt Rear Tine Tiller 8 hp. w/Electric Start, MF Front Tine Tiller, Power Sprayer w/Engine, Parker Lawn Sweeper, AC Vacuum System, Aereator, Lawn Spreader, Lawn Cart, Murray Self-Propelled Mower, Garden 3 pt. Plows, Potato Cutter, Trailer Frame, Electric Riding Mowers, Numerous Lawn Mowers, Baltimore Broom Sewing Machine, H&D Straw Cutter, Broom Corn Cleaner, Hand Vise for Broom Sewing, (2) Broom Wrappers (1 Manual - 1 Electric) Broom Handles & Parts, Wood Lathe, Chisels, Foley Mod. 200 Saw Filer, Foiley Auto Filer & Jointer, Automatic Saw Retoother, Forge, Blade Polisher, Chainsaw Sharpener, Scissors Grinder, Hydraulic Grinders, Bed Knife Grinder for Reel Mower, B&D Valve Refacer, 20 Ton Hydraulic Press, Bench Grinders, Battery Chargers, Hand Sprayers, Lots of Mechanics & Carpenters Tools, Corn Sheller, Drill Press for ½ " Drill, Wheelbarrow, Bag Trucks, Numerous Floor Jacks & Stands, Pipe Wrenches, Band Saw, Armature Tester, Armature Lathe, Cabinet Clamps, Pipe Threader, Electric Drills, Parts Washer, Work Benches, Hand Hydraulic Pump, Drill Index w/Bits, Hammers & Hatchets, Paint Sprayers, Tap & Die Sets, Spark Plug Cleaner Outfit, Acetylene Outfit, Air Greaser, Wheel Pullers, Riveter, Air Compressor, Piston Water Pump, Hand Saws, Shop Hoist, Platform Scales, Alum. Ext. Ladders, Several Complete Engines, Shop Manuals, Lots of New Briggs Parts, Cable, Wire, Extension Cords, Lots of Hardware, Bolts, Wheels, Chains, Auto Parts, Sm. Engine Parts, School Desk, Mower Blades, Filters, Chainbinders, Cans & Drums of Oil, Grease, Gear Lube, Etc; Barrel Pumps, Truck Topper, Scaffolding, Chunk Stove, Spray Material, Beds & Parts, Tires, Aluminum, Tin & Iron Piles, Lumber, Hardwood Flooring, Hay Hook, File Cabinets, Kero Heater, and MUCH MUCH MORE!!!

TERMS: CASH OR GOOD CHECK
CONDUCTED FOR:
WILLIAM H. GRAFFIUS ESTATE
Ernest Graffius - Executor

AUCTIONEERS:
Blaine & Nevin Rentzel #761 & #2483
Butch Landis #1167
(717) 764-6412

3rd. ANNUAL CONSIGNMENT SALE FOR WILLIAMS GROVE HISTORICAL STEAM ENGINE ASSOCIATION INC.
SATURDAY, SEPTEMBER 3, 1988
At 8:30 A.M.
Located at Williams Grove Historical Steam Engine Association Inc., Mechanicsburg, Pa.

WANTED

Gas & steam engines, tractors, old machinery, cream sep., corn shellers, wooden wheelbarrows, grinders, old tools, ETC.

To consign items for advertisement call, Little IKE Eichelberger auctioneer at 717-938-6322 or Harold Scheib at 717-939-6717
Deadline for advertisement is July 23, 1988

GOODS AUCTION

Farm Machinery, Tools, Hardware, Building Supplies
First Wednesday Of The Month:
July 6, Aug. 3, Sept. 7, Oct. 5
No Sale In November
Starting at 9 A.M.
Tools & Hardware at 9 A.M.
Lawn and Garden At 12 Noon
Followed By Machinery
Building Materials At 11:30

We sell on commission.

Hay and straw sales every Wednesday at 12 noon.

No out of state checks, no household items.

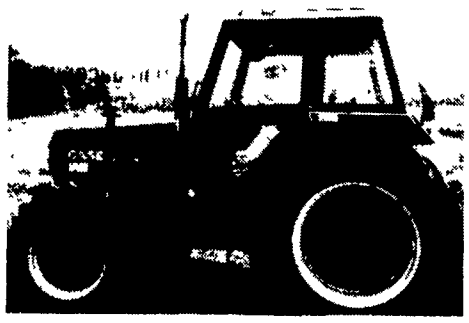
A.H. #000014-L
Goods Auction
111 North Maple Ave.
Leola, Pa. 17540

FARM EQUIPMENT AUCTION

Whitehall, Virginia

JULY 9, 1988
AT 10:00 A.M.

(Near Winchester, Va.)



DIRECTIONS: Traveling from N. or S. on Rt. 81 exit on to Rt. 37 and follow it to the exit for 522 N. Take this exit and go north to the first traffic light. Turn right and go 9 miles to the sale. If coming W. on Rt. 7 or 50 toward Winchester, take 81 N. and follow the above instructions.

Having decided to pursue other business interests, I will offer the following at public auction:

1987 Case I.H. 1494 w/MFWD, Cab, A.C., 400 hrs., like new; 2350 J.D., 2600 hrs., excellent condition; 2440 J.D. w/145 loader, nice; Gleaner combine L2 w/1-4 row wide cornhead, 1-6 row narrow cornhead, 1-15 ft. grain head; N.H. 849 round baler "auto wrap", excellent condition; N.H. 489, 9 ft. haybine, excellent condition; J.D. 346 baler w/ejector, very nice; 3-18 ft. haywagons w/metal sides & flotation tires, new; Niemeyer 310 D PTO driven rake, new; 2 J.D. model 350, 9 ft. mowers, almost new; International model 50 forage harvester w/corn & grass heads; N.H. 352 grinder/mixer, very good; J.D. model 1250, 3 bottom, 16 inch, spring trip plow; J.D. 12 ft. 3 hitch harrow; J.D. 13 foot grain drill w/new discs; J.D. model 7000 corn planter, 6 row w/monitor; Woods model 121, 10 ft. bush hog, new; Westfield 46 ft, PTO driven, 8 inch grain auger, like new; Gilmore TATGE grain dryer, 500 bu., good; 1000 gal. propane tank; 1, 14 ft. wagon w/sides on J.D. running gear; Smoker 32' elevator, 2 gravity wagons; 2 lily wheel rakes; 1 flatbed hay wagon; grain buggy, needs repair; N.I. 1 row picker; bale spear for loader; 3 pt. hitch bale mover; Haben 3 pt. hitch corn sheller, like new; cylinder type grain cleaner, new; old shaker seed cleaner; school bus, cut off to haul round bales.

MISCELLANEOUS ITEMS

1977 Welleraft 18 ft. boat w/165 H.P. newly rebuilt inboard/outboard engine plus ski equipment; 20 bags of Medistan alfalfa seed; 4000 bales of wheat straw; 3500 bales of alfalfa hay; 2 farrowing pens; 1 creep feeder; fuel tank; solar fence chargers.

NOT RESPONSIBLE FOR ACCIDENTS
Terms: Cash or Check With Proper I.D.
Lunch Will Be Served

PAUL E. RICHARDS
703-667-0536
(after 6 p.m.)

RUDOLPH AUCTION SERVICE
304-874-3897

AUCTIONEER'S NOTE: Inspection of equipment will be possible after July 6 (evenings). There are no small items so be with us by 10:00 a.m.

Mr. Richards has a very fine selection of late model, well kept equipment. Don't miss this sale!

RENTZEL'S AUCTION BARN

Thursday, July 7, 1988
1:00 P.M.
FURNITURE, HOUSEHOLD AUTO
Including the
LUTHER WILSON ESTATE

LOCATED: 1 1/10 Mile North of Manchester, PA, Along Rt. 181, Turn Right at Gray Rock. Watch for Signs.

SALE ORDER:
1:00 PM Small Items.
7:00 PM 1966 Triumph Spitfire MK 2 Convertible Sportscar.
8:00 PM Furniture.

TERMS: CASH OR GOOD CHECK
RENTZEL'S AUCTION SERVICE
BLAINE & NEVIN RENTZEL, LARRY RUTT
#761- #2483- #2455

OFFICE: (717) 764-6412
AUCTION BARN: (717) 266-1671

By Order Of The U.S. Bankruptcy Court

PUBLIC REAL ESTATE AUCTION

116 ACRES OF PRIME FARM LAND
WITH TWO HOMES & FARM BUILDINGS!

SATURDAY, JULY 23RD 11:00 AM

Formerly: Donald Isaacs Farm- Located On The Corners Of Routes SR3027 (Minnequa Rd.) & SR3025 (Baldwins Rd.) RD#2, Canton, PA.

**** AUCTION TO BE HELD ON SITE! ****

TERMS OF SALE: 10% Deposit Required At Sale By Successful Bidder. Balance Upon Closing Closing Within 45 Days.

SALE SUBJECT TO COURT APPROVAL!

PAYMENT: Cash, Certified Funds, GOOD Check Accompanied By Bank Letter Of Credit Guaranteeing Funds To Col. Steve Sitar.

PREVIEW/INSPECTION: By Appointment.

BUILDINGS CONSIST OF: House: 3 Bedroom Ranch, 1st. Flr. 960 Sq. Ft. *Farm House: 1st. Flr. 900 Sq. Ft. *Dairy Barn: 36x110 1st. Flr. 3,960 Sq. Ft. *Garage/Granery: 18x24 *Milk House: 12x18 *Shed: 40x60 *Pole Shed: 24x40 *Silo: 18x65 *Machine Shed: 24x60 *Silo: 16x45 *

CALL OR WRITE FOR DETAILS!

COL. STEVE SITAR & CO.
P.O. BOX 779 - WAVERLY, PA 18471
(717) 586-1397 PA LIC# AU0002124-L

PUBLIC FARM EQUIP. AUCTION

SAT. JULY 16, 1988

10:00 A.M. SHARP

Located- Between Pine Grove & Friedensburg, Pa. Sch. Co. along Rt. 443. Turn South at Deturksville (near Red Lion Cafe) & proceed approx. 2 miles to Hetzels Church & then to sale site nearby. Sale signs will be posted.

The Weavers sold their farm & will sell the following:

TRACTORS- BALER- DISCS- MOWERS- HIGH SIDE HAY WAGONS- GRAIN AUGERS- HAMMERMILLS- ELEVATORS- SUZUE 4 W.D. 15 HP W/ LOTS OF ATTACH- ASSORT. PLOWS- CULTIVATORS- LIKE NEW FEED BIN & MUCH MORE.

LARGE AD NEXT WK. JULY 9

Good assortment of well kept equip. Don't miss this one!

Note: Equip will sell approx. 11:00 A.M. Not many small items to be sold.

Sold For:

PAUL L. & BETTY M. WEAVER

Eugene G. Klinger
Auct. Service
Hamburg, Pa. 215-562-4286
Lic. No. AU-002138-L
Robert Derfler App. Auct.
AA-001737-L

"7 UNIT APARTMENT COMPLEX"

PUBLIC SALE

OF

7 UNIT APARTMENT COMPLEX — 2 BUILDINGS

EPHRATA, PA.

TUESDAY EVENING

JULY 12, 1988

SALE AT 7 P.M.

Located at corner of Church & Chestnut Sts., Ephrata, Lanc. Co., PA.

3 STORY BRICK DWELLING

CONTAINING 6 APARTMENT UNITS

APARTMENT No. 1 — first floor - living room, kitchen, bathroom, one bedroom, access to full basement — current rent - $285.00.

APARTMENT No. 2 — first floor - living room, kitchen, bathroom, one bedroom, access to full basement — current rent - $325.00.

APARTMENT No. 3 — second floor - inside stairway, living room, kitchen, bathroom, one bedroom — current rent - $285.00.

APARTMENT No. 4 — second floor - inside stairway, living room, kitchen, bathroom, one bedroom — current rent - $285.00.

APARTMENT No. 5 — third floor - sitting room, kitchen, bathroom, one bedroom — current rent - $250.00.

APARTMENT No. 6 — third floor - sitting room, kitchen, bathroom, one bedroom — current rent - $250.00.

All above mentioned apartments furnished with refrigerators & stoves. All have **recently been remodeled and are in excellent condition.**

FRAME SIDED DWELLING

w/3 GARAGES

APARTMENT No. 7 — living room, kitchen, bathroom, 2 bedrooms, large covered porch — current rent - $210.00.

EACH APARTMENT HAS SEPARATE HEATING SYSTEMS & ELECTRIC SERVICE.

Total income $1890 per month — property owner pays sewer & water (approx. $780 per year).

OPEN HOUSE: Sat., July 2 and Sat., July 9 or for information and inspection call 717-354-7063.

TERMS BY:

DAVID L. & EDNA Z. WEILER

HORST AUCTS.
T. Glenn AU438L
Timothy G. 859-1331 — 738-1245
Thomas A. "VOICES OF EXPERIENCE"

Public Auction Register

WED JULY 6 - 9AM Farm Mach , Building Supplies, Lumber, Scaffling At Goods Auction, 111 N Maple Ave , Leola, Pa

THURS JULY 7 - 6 30PM Real Estate at RD #2 Wrightsville, Penna in Hellam Twp Located off Strickler Road & Bairs Mill Road For Audrey J and Stanley R Hoke Brian L Gilbert, Jacob A Gilbert, aucts

THURS JULY 7 - 7 30PM 50 Heifers and 5 Cows Located In Franklin Co , Between Chambersburg and Shippensburg, Pa , Off Route 11 - 1 Mile South Of Mt. Rock - Turn Off Route 11 at Dekalb Seed Corn Sign, 2nd Farm John C Mummau, Owners Kling's Auctions, Inc.

THURS JULY 7 - 7 30PM Complete Milking Dispersal Lester High Ridglea Farm RD#1, Pottstown, Pa 19464 At Shady Lane Dairy Sales Inc 1/4 Mile West Of Quarryville, Pa Off Route 372 On Oak Bottom Road

Glenn D Fite, David L. Fite, Owners Managed By Shady Lane Dairy Sales Inc

FRI JULY 8 - 11AM John and Paul Gallagher Complete Dispersal Held At The Farm On Route 20, ¼ Mile East Of Routes 12 And 20, In The Town Of Sangerfield, N Y., 15 Miles South Of Utica, 15 Miles East of Morrisville, N Y John and Paul Gallagher, Owners Harris Wilcox Inc Auct

FRI. JULY 8 - 1:30PM State Graded Feeder Pig Sale Grading 7.30-11:30AM. Carlisle Livestock Mkt , Inc Exit 12 off I-81

FRI JULY 8 - 7PM Horse Sale New Holland Sales Stables, Inc

FRI JULY 8 - 8PM Beautiful Country Ranch Dwelling on 8½ Acres Located 6 mi west of Mifflintown, Juniata Co , Pa Long's Auction Service

FRI JULY 8 - 8:30AM & SAT JULY 9 - 9AM Keystone Stud Ram & Ewe Show & Sale Penn State Ag Arena, State College, Pa Located Beside The Football Stadium Pa Sheep & Wool Growers Information Contact Keystone Sale Robert E Calvert, P O Box 530, Mercer, Pa 16137, Phone 412-662-3141 or 662-2323

717-569-4264 — SANFORD G. LEAMAN AUCTION SERVICE — 717-569-4264

LIC. # AU-532-L
LICENSED & BONDED

PUBLIC AUCTION

OF VALUABLE 27 ACRES +-WOODLAND, FARM EQUIPMENT, HOUSEHOLD GOODS AND ANTIQUES

THURSDAY, JULY 21, 1988

@ 8:30 AM

REAL ESTATE @ 2:00 PM

Location: Rt. 641 Appx. 4-5 Mi. North Of Rt. 75 In Huntingdon Co., Pa.

PROPERTY consists of a 2 story frame dwelling with 3 bedrooms, 1 bath, eat-in kitchen and living room with wood stove. There is a well and septic system, 3 car detached cement block 2 story garage and misc. other improvements. There is over 2,000 ft. road frontage, a beautiful setting with 2 streams on the property. A great place to live or have a camp. Lots of wildlife, a great hunting area. Full listing to follow later.

Sale by: **Food Stand**

MERLE H. AND NANNIE G. KLOBETANZ

SANFORD G. LEAMAN, CAI AUCTIONEER
Lic. #AU-532-L
(717) 569-4264

PUBLIC AUCTION

FRIDAY, JULY 22, 1988

7:00 P.M.

18.9 ACRES w/ LARGE RANCH-TYPE HOUSE AND 1 ACRE POND

YORK COUNTY, PA

LOCATED: 1100 Copenhafer Road (Zions View Area), York, PA. Exit 12 off Interstate 83, Go West 2 Miles to Copenhafer Road on Right — Go North on Copenhafer Road 2 Miles to Land and House on Left. Only 8 Miles North of York, PA.

18.9 Acres of Land w/ Improved Ranch House (18 Yrs. Old) w/ Siding and Shingle Roof. The Home has a Large Kitchen w/ Large Amount of Cupboard and Counter Space, Double Sink and Linoleum Floor. Large Dining Room w/ Wall to Wall Carpet. Living Room w/ Wall to Wall Carpet, Bow Window Overlooking Pond and Guest Closet. Den or Family Room w/ Fireplace, Wall to Wall Carpet and Attached Porch. 3 Bedrooms — Master Bedroom has 3 Closets, 1½ Baths, Large 2 Car Garage Attached to House w/ Garage Door Openers. House and Garage are Plastered and Fully Insulated. Blacktop Driveway, Beautiful Setting in Wooded Area w/ Shrubbery, Shade Trees and 1 Acre Pond. Large Basement w/ Overhead Door. House is 98 Ft. Long and 35 Ft. in Width. Storm Windows, Oil-Fired Baseboard Hot Water Heat. Approx. 1050 Ft. Road Frontage. Conewago Township, York County, Northeastern School District.

TERMS: 10% DOWN, BALANCE IN 60 DAYS

FOR INSPECTION, PHONE:

(717) 764-6412 8 to 5 or

(717) 266-1671 EVENINGS AND WEEKENDS

SELLER:

MR. AND MRS. PAUL STAHLE

AUCTIONEER
Blaine N Rentzel
Emigsville, PA
(717) 764-6412
PA Lic. #761

ANNOUNCING — ANNOUNCING

PUBLIC AUCTION

WEDNESDAY, JULY 20, 1988

9:00 A.M.

York Vo-Tech School
2179 South Queen Street
York, PA

Off Interstate 83 at Exit 6 - South Queen Street.

Machine Shop Equipment, Lathes, Welders, Drill Presses, Shapers, Etc.

Computers, Typewriters, Printing Presses, School Supplies, Desks, Chairs & 100's Of Items.

Auctioneer: Blaine N. Rentzel - #761-L
Emigsville, PA

Complete List Will Be Advertised At A Later Date

RUTH F. WEYAND ESTATE

PUBLIC AUCTION

MONDAY, JULY 11, 1988

5:00 P.M.

REAL ESTATE - HOUSEHOLD GOODS - TOOLS

1800 QUARRY ROAD, LEBANON
partially in North Lebanon Township
partially in Swatara Township
Lebanon County, PA

REAL ESTATE CONSISTS OF: 25 Acres more or less, improved by a one story cottage with hard asbestos shingle siding and asphalt shingle roof. The interior has 3 rooms and bath and enclosed porch, full cement basement, heated by oil hot water furnace. Other Buildings include a small block tool shed and metal storage shed.

THE LAND CONSISTS OF: 9 acres of tillable crop land and 16 acres of woodland. There is a small, young orchard of apple, pear, apricot, plum and nectarine trees. Spring fed pond. A very private setting with lawn and trees

The **Real Estate will be offered at 6:00 P.M.**

Terms: 10% down on day of sale, balance due in 30 days at final settlement. Inspection by calling the auctioneers.

AUTOMOBILE: 1963 Chevy Impala, 2 door hardtop, V8-327 engine, automatic trans., power steering, power brakes, 69,828 miles, extra set of snow tires, currently inspected. The car will sell at 7:00 P.M.

ANTIQUES - HOUSEHOLD GOODS - TOOLS - GARDEN EQUIPMENT

Oak high chest of drawers, secretary desk, Victorian oak dresser with mirror, Maple chest of drawers and matching Maple double bed, wooden porch benches, cedar wardrobe, mission oak rocker and matching chair, very ornate inlaid wool stool, wooden spindleback bench, old quilts (finely stitched) one has pinwheel pattern, softwood chest of drawers, picnic tables and benches, hide-a-bed sofa, wooden porch swing, chest deep freezer, wringer washer, Whirlpool refrigerator, RCA color TV, 10,000 Btu Gibson air conditioner, wooden blanket chest.

GLASSWARE & COLLECTABLES

Blue Fiesta pitcher, pink and green depression glass, pressed glassware, ruby glass bowl, 6 gal. sauerkraut crock, costume jewelry, gold edge plates, 22K gold tea set (cream & sugar & teapot), set of Imperial china, Hall china bowls, set of 22K gold plated all over china (salt & pepper, cream & sugar, bowl, etc.) Pearl china, glass wash board, copper wash boiler, slaw cutter with moveable rack, Ryder dairy milk bucket with lid and spout, Agateware pitcher, silverware, flatware, silverplate, Jardioneers, milk glass, pink glass basket, covered pressed glass butter dish, peanut jar grinder, Oriental teapot and Oriental pieces, blue glass jars, wicker wash baskets, general dishes, pots and pans, kitchen utensils.

GARDEN TOOLS AND EQUIPMENT

Sears 6 Hp riding tractor and mower, Jari sickle bar mower, Sears chain saw, Sears 18 inch rotary lawn mower, lawn roller, lawn cart, lawn trailer, wheelbarrow, wooden leaf rakes, hardware nails, screws, picks, shovels, dig iron, electric bug light, wooden step ladders, miscellaneous hand tools, many more items too numerous to mention.

DIRECTIONS FROM LEBANON: Go North of Lebanon on Sandhill Road, at the first "Y" bear left onto Grace Avenue. Go ½ mile & turn right onto Quarry Road, go 2 blocks and see auction sign on right.

DIRECTIONS FROM JONESTOWN: At the Square in Jonestown, go ½ mile South of Jonestown on Lancaster St., as soon as you cross over the Swatara Creek, turn left onto Quarry Road Follow Quarry Road 2 miles and see Auction sign on left.

SIMPLY FOLLOW AUCTION ARROWS THE DAY OF THE AUCTION.

FOOD STAND

Conditions By: GLENN WEYAND Executor

Attorney: Charles V. Henry, III

Ebersole & Shoop, Auctioneers

REAL ESTATE BROKERS — AUCTIONEERS

Nelson L. Ebersole
License #AU-001307-L
Phone: 717-867-5221

Ira R. Shoop
License #AU-001631-L
Phone: 717-534-2030

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT JULY 9 - R D 1 Loysville, Perry Co , Pa , Amish School Benefit Sale

SAT JULY 9 - 9AM Antiques, Household Goods, Tin Mechanical Toys Located 43 East 10th Avenue, North York Boro, York, Pa Estate of Sylvia M LaPrairie Blaine N Rentzel, Auct

SAT JULY 9 - 9AM Antiques, Household Furnishings, JD Garden Tractor, Butchering Equipment, Fishing Equipment, etc Located midway between Mt Holly Springs and Biglerville on Route #34 to Idaville Square then turn West 2 miles to Knouse Foods then south 1 mile to Mt Tabor Church, then north 2/10 mile in Adams County, Pa Jean H Cline Gibbs & Edward A Gibbs, owners Clair R Slaybaugh, auct

SAT JULY 9 - 9AM Furniture, Antiques, Collectables, Guns, Fishing Equipment, Glass, Tools, Carpenter, Masonry, Mechanical, Gardening Marie Ross, Owner Nevin Fahnestock, Auct

SAT JULY 9 - 9 30AM Farm Tractors & Equip , Misc Items, Cars & Trucks Straley Farm Supply, Dover Pa

SAT JULY 9 - 9 55AM Tractors, Farm Equipment Tools, Gun, Household, Antiques Located 3 Miles From Mifflinville On Mifflinville- Mainville Road (Rt. 339). Follow Auction Signs Off Interstate 80 At Exit 37 Glen S Seely, Owner Olen R Knect, Auct

HUGE
FARM DISPERSAL

at the Sekoll Farm, Greenwood, N.Y. Follow arrows off Rtes. 248 or 417 (12 miles from Knoxville, Pa.)

MONDAY, JULY 11, 1988 AT 4 P.M. SHARP!!

Tremendous amount of small items & tools sell first, next- farm machinery at 6:30 p.m., and followed by dairy & barn equipment and cattle.

71 Interstate-tested Holsteins (43 cows & 28 all-age heifers)

5 wfe tractors & many duplicate items- 4 AC (7000D w/cab, 185D w/loader, 180D, WDF45 w/loader) and Ford 800 w/many 3 pt. items. 3 choppers, 2 balers, excellent AC "Gleaner E" combine w/3 row corn & 13' grain heads, 8 wagons, 5 trucks, 1000 gal Surge tank, No-pulse stainless pipeline, Patz hd. barn cleaner, 2 Badger silo unloaders, 9000 bales of good hay (6000 new, 3000 old), 3-400 bales of straw, corn silage, 2000 bu barley, oats, much, much more!!

800 acre farm w/2 houses & 3 barns for sale by owner

Clip & Save This Ad - Will Not Appear Again!

FOR INFO CONTACT:

D.H. RUMSEY, SALE MANAGER, BATH, NY
607-776-3478
or
VICTOR KENT & SONS, AUCTIONEERS, SHERMAN, NY
716-761-6167

Sale
Used Lawn and Garden Inventory Reduction Sale
Saturday, July 16, 1988
1 P.M.

AC 810, 707, **Bollens** GT 14, **Yanmar** 146, **J.C. Penny** 14/40, **Cub Cadet** Models: 60, 76,80, 382, 105, 106, 108, 125, 127, 128, 800, 1250, 1450, 1650, 1605, 1610 w/ Bagger, 682 and 782; **Ford** LT 111 and YT 16H, **White** 1610 w/44" Mower, **JD** 57 and 112, **Wheel Horse** C81 and 211-5.

Many More Units Not Listed

Over 40 models Lawn & Garden Units traded this spring. Auction subject to deletions and additions until July 15th. Inspection of units Saturday, July 16th, 8 AM - 12 Noon. Plan to be early - No small items to be auctioned. Auction will start promptly at 1 P.M.

Terms Cash, Approved Check or Master Card.

Auction Held By:
Biggs Incorporated
34 Buckley Ave.
Rising Sun, Md.
301/658-5531

TWILIGHT AUCTION

ANTIQUES, OAK FURNITURE, SAROUK RUGS, ANTIQUE CAR
FOR: THE ESTATE OF THE LATE MABEL J. BERGSTRESSER,
431 YORK AVE., LANSDALE, PA.

TUES. NITE, JULY 12, 1988
At 4:00 P.M.

CAR & RUGS SELL AT APPROX. 6:00 P.M.

1951 Buick Super Deluxe Dynaflow 4 dr. sdn., straight 8, A-title, garage kept & good running cond., wringer washer, H.P. refrigerator new cond., T.V. Following pcs. are oak: dining room suite w/ sq. china closet A-1 cond., 3 pc. bedroom suite A-1, chifferobe, library table, 2 rockers, dep. bedroom suite, cane seat chairs, empire bureau, treadle sewing machine, cedar chest, canning cupboard, mantle clock, living room suite, side chairs, 2 marble top stands, end tables, candle stand, clothes tree, quilt frame, floor model Atwater Kent radio, Ray-o-light, kero. light, Sarouk Oriental rugs, 10'x12', 22'x15', 16'6"x12', 14'x24" runner & throw rugs, pressed, cut, & dep. glass, ironstone pcs., toureens, semi porcelain pcs., agate ware, jars, Bishop Stoner dinner dishes, crocks. Partual listing.

(**Note:** Items in excellent cond. No junk.)

Cond. - Cash or approved check.

Auctioneers Henry K. Freed & Sons
822-0723 Lic #AU 000293 L

PUBLIC SALE

FARM MACHINERY, BUILDING SUPPLIES, LUMBER, SCAFFLING

ON WEDNESDAY, JULY 6, 1988
AT 9:00 A.M.

AT GOODS AUCTION
111 North Maple Ave., Leola, Pa.

Chev. Dump Truck, 4 Used Rotary Choppers (Pull Type) 9 Ft. Offset (Good), 13 Ft. (Fair), 13 Ft. For Parts, 5 Ft. Pull, New 5 Ft. 3 Pt., 13 Ft. Cultipacker Wheel Type, Farmall B.N., Ontario Grain Drill, Massey Grain Drill, New 8 Ton Wagon Sprayer, 7 Water Tanks, 500 Gal. to 3,000 Gal., Manure Spreader, Harrows, Gravity Bin, and Wagon, Disc Harrow, Parts Bins, Shelving, Rotating Bins, Barn Fans, Shop Fans, Butchershor Track and Hooks, Riding Mower, Grinder, Drill Press, 6 Wooden Ladders, 45 Sections Scauffling. Sold in 4 Lots, Rusty Concrete Forms. 2 Boats.

Also AT 11:00 A.M. — 100 Doors, Steel-Double French Door, Sidelites, Interior and Exterior Doors, Stair Treads, Stairs, Door Latches, Lumber, Plywood, Flakeboard, Nails, Roofing, Pine Boards, Tong & Groove Barn Siding, Roof Trusses, Floor Trusses.

(NOTICE LAST CALL)

All Equipment From Last Year and In Spring Sales Must Be Moved or Will Sell For Storage Wagons, Harrow, Rototiller, Potato Planters, Steel Beams, Lime Drills, Silo Fillers, New Tires & Rims.

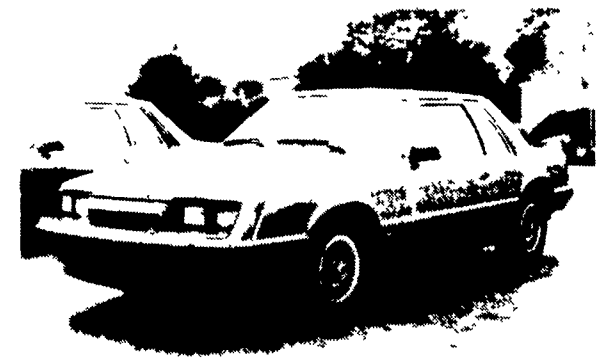
GOODS AUCTION
A.H. 000014-L
WE SELL ON COMMISSION
NO OUT-OF-STATE CHECKS
NEXT SALE AUGUST 3

88C063

ABSOLUTE AUCTION

Carlos R. Leffler, Inc.
FUEL DISTRIBUTOR

Sat., July 16 - 10:00 A.M.
Richland, PA
(Near Lebanon)



(4) 1986 Ford Mustangs

(3) **1986 Ford Mustangs,** 4 cyl. 2.3 litre gas, auto. trans., w/a/c, (All Have Under 50,000 Miles - 1 W/NEW Motor), good; **1986 Ford Mustang,** 4 cyl. 2.3 litre gas, auto. trans., fair to good.

Vans, Pickup, & 4x4

1980 Ford E250 Panel Van, V8 gas, auto. trans., w/roof mtd. ladder rack, good; **1976 Chev. G10 Panel Van,** 6 cyl. gas, 3 spd trans., w/roof mtd. ladder rack, good; **1971 Ford F250 Pickup,** V8 gas, 3 spd. trans., fair, **1980 IHC 4x4 Scout,** V8 gas, auto trans., w/a/c, good.

(16) Truck Tractors

1983 IHC 4270 T/A Conv. Truck Tractor, Det. 6V92 dsl., R.R. RT9509, 9 spd. trans ; **(4) 1980 IHC 4270 T/A Conv. Tractors,** Det. 6V92 dsl., R.R. RT9509, 9 spd. trans.; **(5) 1979 IHC 4270 T/A Conv. Tractors,** Det. 6V92 dsl , R R RT9509, 9 spd trans.; (3) **1978 IHC 4270 T/A Conv. Tractors,** Det. 6V92 dsl., R.R. RT9509, 9 spd trans ; **1978 IHC 4270 T/A Conv. Truck Tractor,** Det. 8V71TT dsl., R.R. T1056A 6 spd. trans.; **1977 IHC 4270 T/A Conv. Truck Tractor,** Det 8V71TT dsl , R R T1056A 6 spd. trans.; **1972 Ford C9000 T/A Cabover Truck Tractor,** Det 8V71 dsl , R R RT09513 13 spd trans

(11) Alum. Tank Trailers

(2) 1976 **Fruehauf** T/A 9,200 gal. 4 Compartment Alum. Tank Trailers; 1975 **Fruehauf** T/A 9,200 gal 4 Compartment Alum Tank Trailers; 1976 **Pennco** T/A 9,000 gal. 4 Compartment Alum. Tank Trailer; **Fruehauf** T/A 8,600 gal. 4 Compartment Alum. Tank Trailer; **Pennco** T/A 8,500 gal. 4 Compartment Alum Tank Trailer, **Pennco** T/A 8,500 gal 4 Compartment Alum Tank Trailer; **Heil** T/A 8,500 gal. 4 Compartment Alum. Tank Trailer; (2) **Butler** T/A 7,250 gal Sgl Compartment Alum Tank Trailers; **Pennco** T/A 7,000 gal. Sgl. Compartment Alum Tank Trailer

High Flatbed Trailers

Fruehauf 45' T/A High Flat Trailer; (3) **Trailmobile** 40' T/A High Flat Trailers; **Fruehauf** 40' T/A High Flat Trailer; **Fruehauf** 40' T/A High Flat Trailer.

Dump Truck & Cab & Chassis

1978 Ford F800 S/A Dump Truck, V8 gas, 5+2, **1973 Ford C8000 S/A Cab & Chassis,** Cat 1160 dsl., 5+2; **1972 Ford C8000 S/A Cab & Chassis,** Cat 1150 dsl., 5+2.

Detroit, Cat, Mack, & GMC Parts

(2) **Detroit** 6V92 Used Engines; **Detroit** 8V71 Used Engine Less 1 Head; **Chev.** 350 Used Short Block W/Heads; **Cat** 1160 Block - As Is; (2) 6V92 Roots Blowers - Used; (5) 6V92 Turbo Chargers - Used; (5) 6V92 Water Pumps - Used; (5 pallets) Misc. 6V92 Parts; **Mack 673 Crank; Mack** 673 Engine Parts; **Mack** R Model Front & Rear Springs; **Mack** R Model Radiator Tap Tank; Some B-61 Parts; **GMC** 9500 Radiator; Misc. **GMC** 9500 Parts; **GMC** & Trailer Springs; **Neway & Reyco** Hangers, Misc. **Mack** Brake Lining; **Delco** Starter & Generator Parts; (2) **Air-O-Matic** Power Steering Kits; Misc. Tackographs.

Location: The Sale Will Be Held At Leffler's Main Office & Shop Facility At The Corner Of Main St. & Linden St. In Richland, PA.

EVERYTHING SELLS AS-IS WHERE-IS TO THE HIGHEST BIDDER REGARDLESS OF PRICE.

VILLSMEIER AUCTION CO., INC.
Route 309, Montgomeryville, PA 18936
1-800-BID-N-BUY (215) 699-5833
Lic. No. AY-000958-L

TERMS: COMPLETE PAYMENT SALE DAY IN CASH OR GUARANTEED FUNDS ONLY.

INSPECTION: One week prior to the sale from 8:00 a.m. to 4:30 p.m.

Public Auction Register

MON JULY 11 - 10AM Globe-Run Farms, 100 Registered Holsteins R D #1 Petersburg, Pa 16669 John A Foster Sr , Owner John A Foster Jr Son & Sale Manager

MON JULY 11 - 5PM Real Estate, Household Goods, Tools 1800 Quarry Road, Lebanon Partially In North Lebanon Township Partially In Swatara Township, Lebanon County, Pa Glenn Weyand Executor Ebersole & Shoop, Aucts

TUES JULY 12 - 4PM Car & rugs sell at approx 6PM Antiques, Oak Furniture, Sarouk Rugs, Antique Car For The Estate Of The Late Mabel J Bergstresser, 431 York Ave , Lansdale, Pa Henry K Freed & Sons, Aucts

TUES JULY 12 - 4PM Real Estate & H H Goods At 20 Mylin Ave , Willow St Turn left off Rt 272 going North at United Church of Christ Terms by Elizabeth Binkley Est J Everett Kreider, Aucts

TUES JULY 12 - 5PM Real Estate, Antiques, Personal Property At 230 East Clay Street, Lancaster, Penna The Undersigned Executors Of The T Elizabeth Holden, A/K/A Elizabeth T Holden Estate Will Offer At Public Auction Melucena C Mauer, Melanie Stover, Robert Stover, Co-Executors Jacob A Gilbert, Brian L Gilbert, Aucts

TUES JULY 12 - 7PM 7 Unit Apartment Complex, 2 Buildings Located At Corner Of Church & Chestnut Sts , Ephrata, Lanc Co , Pa David L & Edna Z Weiler, Aucts T Glenn & Timothy G , Thomas A Horst

THURS JULY 14 - 10AM Large Complete Herd Dispersal, Dynasty Holsteins Shady Lane Dairy Sales Inc , ¼ Mile West of Quarryville Off Rt 372 on Oak Bottom Rd Shady Lane Dairy Sales Inc

THURS JULY 14 Real Estate Public Auction Green Valley Farm, The Diamond Of Hope Hope Twp , Warren Co , NJ Max E Spann Realtors Auctioneers

FRI JULY 15 - 6PM Valuable Real Estate Route 303, signs posted from Hillsboro/Queen Anne, Maryland In beautiful "Talbot County" off Route 404, borders Tuckahoe River Clifton Canning Company, seller Chester Lee Carroll, auct

FRI JULY 15 - 8PM Valuable Real Property Located approx 1¼ mile west of Three Springs, Pa along Route 655 at the John S Landis property Owners Mr & Mrs John S Landis Robert D Fleck, aucts

FRI JULY 15 & SAT JULY 16 - Real Estate 1 PM, Sale Time Both Days 9 30 On The Premises At 717 South Railroad Street, Myerstown Jacob M Sherk, Inc , Owners Henry Steiner Attorney, Ogurcak & Hurst, Clerks, Weik & Weik, Aucts

SAT JULY 16 - Machinery, Crops, Household, Antiques Etc 2 miles south of Oxford, Pa on Barnsley-Chrome Rd , 30 mi s of Lancaster By order of John R Hilaman, Owner Whiteside Auction Service, Aucts

SAT JULY 16 - Michael W Burkholder Estate Antiques, Household Goods Located Along Rt 625, 2 Miles Northeast Of Blue Ball Nevin Z Martin & Andrew M Martin Aucts

SAT JULY 16 - 8AM Tractors, Mowers, Broom Equipment, Tools, Parts Location Take Roosevelt Ave Ext (Bull Rd) North Off Of Rt 30 In York, Pa , Approx 3 Mile To Graffius Rd Watch For Signs William H Graffius Estate, Ernest Graffius, Executor Blaine & Nevin Rentzel, Aucts

SAT JULY 16 - 9AM Misc Equipment York Vo-Tech School, 2179 South Queen Street, York, Pa Off Interstate 83 At Exit 6 - South Queen Street Blaine N Rentzel, Auct

SAT JULY 16 - 9AM Antiques, Household Goods Located at 1205 West Main St , Ephrata, Lanc. Co , Pa Christian Zinn & Margaret Zinn, Owners Horst Aucts

SAT JULY 16 - 9AM Antiques, Collectibles, Gas Engines, Butcher Tools & Misc Located Rt. 111 (old trail) in Jacobus to Valley Rd turn right, 8 mi to sale OR I-83, Exit 3 Loganville west to old trail. Turn right, proceed to Jacobus to Valley Rd turn right, to sale Owner Robert Innerst Melvin Haines, Ralph Brenneman, Aucts

PUBLIC AUCTION

"2 DAY SALE" Check sale dates and times **"2 DAY SALE" Check sale dates and times**

SAT., JULY 9, 1988
9:00 A.M.

ANTIQUES - HOUSEHOLD GOODS - TIN MECHANICAL TOYS

LOCATED: 43 EAST 10th AVENUE, NORTH YORK BORO, YORK, PA

Cherry Drop Leaf Table, Wall Tilt-Top Table, Marble Top Stand, Wooden Frame Sofa, Brown Living Room Chair & Foot Stool, High Back Arm Chair, Cedar Chest, Maple Dresser, Night Stand, Children's Rocker, Child's Rocking Horse, Maple Bed, Oak Sideboard, Maple Hutch, Maple Table and 4 Chairs, Maple Corner Cupboard, Organ Stool, Oak Washstand, Oak Dresser, Trunk, Plank Bottom Chair, Oak Bed, Oak Library Table, Wooden Clothes Stand, Clothes Tree; Kelvinator Electric Stove, G.E. Gas Dryer, Quilts, Quilting Display, Quilting Frame, 1857 German Bible, Advertisement Hand Fans, Cigar Boxes, Picture Frames, Doilies & Linens, Paper Mache and Celluesid Animals, Mirror, Tins, Christmas Decorations, Dresser Set, Children's Old Books — 1800's & Early 1900's, Wooden Buckets, Carpet Beaters, Parasol, Oven Service, Child's Dishes, Carnival and Depression Glass, Crocks, Vinegar Cruet, Ruby Souvenir Glass, Frosted Berry Bowl Set, Bud Vases, Blue Turrine Pitcher — England, Occupied Japan Items, Noritake Sugar, Halls Bowls & Pitchers, Glassware, Table Condiment Set, Jug, Wash Bowl & Pitcher Set, Dough Tray, Cast Iron Dogs — Bank, Miniature Dolls, Cast Doll Furniture, Wooden Doll House Furniture, Doll Cottage, Lantern, Flat Irons, Child's Ironing Board, Old Santa Claus, Mantle Clock, Violin, Squeeze Box, 4 String Banjo, Drum, 4 Man Bob Sled, Tin Mechanical Toys — Jazzbo Jim, Hurty Gurty, Over-Under Pace Car, Tin Train, Drummer Boy, Swing Set, German Tin Tricycle, Fire Engine & Others; Plus Many Items Too Numerous to Mention!

TERMS: CASH OR GOOD CHECK

ESTATE OF:
SYLVIA M. LaPRAIRIE
EXECUTORS:
Tess Ann Lookingbill - 792-4266
Bill LaPrairie - 741-3755
ATTORNEY: John Bergdoll

AUCTIONEER:
Blaine N. Rentzel
Emigsville, PA
764-6412
Lic. #761 & 2483

AMISH SCHOOL BENEFIT SALE

SATURDAY, JULY 9, 1988
9:00 A.M.

At The Sherman View School, Perry County, Pa., located 3 miles West of Loysville, 1 mile south of Centre off rt. 274, 35 miles N.W. of Harrisburg, Pa

50 QUILTS
(Selling at approx. 12:00 Noon)
Including Log Cabin, Diamond Star, Rose of Sharon, Lanc. Rose, Country Bride, Lone Star, Wedding Ring, Tumbling Block, Giant Dahlia, Broken Star, and others. Also Wall Hangings and Crafts.

NEW ITEMS
Truck Load of Tools; Dog Boxes; Wishing Wells; Baler Twine; 10X12 Storage Shed - Vinyl Siding.

FARM EQUIPMENT
Oliver Single-bottom Plow on rubber; Oliver 2-bottom plow on steel; 12" Craftsman Radial Arm Saw; Single Horse Cultivator; Ontario Grain Drill.
Work horse; 8 yr. old mare, good worker; 4 pc. BR suite, chest of drawers & bureau.

Cousin with Dry Goods Load of Fresh Fruit

"This is only a sampling of the many items that will be sold! Plan to stay all day!"

Lunch Stand by the Parents

I.D. Required for Bidder's No.
Not Responsible for Accidents.

SALE BY-
PERRY CO AMISH PARACHIOL SCHOOLS

Sale Managed By-
Landisburg, Pa. Lic. #500
AUCTION KLING'S SERVICE

PUBLIC SALE

SATURDAY, JULY 9, 1988- 9:30 A.M.

SALE AT 4200 DAVIDSBURG RD., DOVER, PA.
2 MILES WEST OF DOVER

Due to selling our storage warehouse located at 4200 Davidsburg Road, formerly the Locust Point Development Co. and Donald H. Harlacker farm, we are offering for sale the following items:

ANTIQUES AND ANTIQUE FARM MACHINERY

Corvair, 4 door; Ford EdselRanger Car, 2 door, Hard Top, Nice Condition (1939); MM-445 Tractor w/3 point, motor overhauled, torque converter; Two Farmall Tractors, Model F-12; Farmall Regular-20 w/open steering; John Deere Plow w/Cultivators; Ford Model T Motor and Transmission; Fordson Tractor; Fordson Tractor 1530; Myers Water Pump (hand); Pitcher Pump; 1-horse Reel Mower w/Cast Iron Seat; Grain Fan; Ford Metal Tractor Sign/lights; Wooden Wheelbarrow; 4- 1 row horse Cultivators and 2-Corn Planters; 1 horse Wood Sickle Bar Mower- complete; Round Watere Pump; Small 4- wheel rubber tire wagon (nice); Riding Mower w/ Wisconsin Motor (old); Lester Player Piano; Dovetailed Pine Wood Box; Heatrola; Shoe Shine Box; AMC Car; John Deere L w/Cultivators and Sickle Bar Mower; Hit and Miss Motor.

TRACTORS

Ford 555 Tractor, Loader, Backhoe; Ford 2000 w/Loader; Ford 800 w/ Loader; Ferguson 30: Allis Chalmers w/Woods Mower; Ford 5000; Garden Tractor- 129 IHC w/Mower; Lowes Garden Tractor w/32" Deck; 2-Electrak Garden Tractors w/Mower; New Garden Tractor, 11 HP; New Garden Tractor-12 HP; Ford 8N.

FARM MACHINERY

New 905 Ford, 3 pt., Post Hole Digger; 18 ft. rubber belt Elevator w/Motor; IH Corn Planter for Farmall Cub; New Ontario Grain Drill (parts missing); Ford 501, 3 pt. hookup; Sickle Bar Mower (new); new 25'4" Grain Auger; New Dearborn Hay Head; Allis Chalmers 1-row Cultivators for "B"; Custom Ford Husking Bed for Corn Picker (new); AB Farquhar 400 gal. Field-Orchard Sprayer w/Boom & Wooden Tank (like new); 8' Section Little Giant Hay Elevator; Fox single-row Cornhead; 3 pt. Cultivators; 5 ft. Rotary Mower.

MOTORS

Mazda Car Motor; 4- 3 cylinder 4000 Ford Tractor Motors; 3- Wisconsin Motors- 1 w/clutch; Cummins 6 cylinder diesel motor w/blower- comp# IP2966; IHC TD9, 4 cylinder motor-diesel; IHC 4 cylinder diesel- parts.

MISCELLANEOUS PARTS

Pair 14x30 Tractor Rims; 8- new Insecticide Boxes for Corn Planter; Lawn Roller; Lely Bridge Hitch (new); 95 Cadet Riding Mower; Golf Carts for parts with Ona 25 HP motors; 100 tires- 10", 9" and 6" Rims.

MISCELLANEOUS

300 gal. Tank; 2- 32" Barn Fans w/Motors; Child's Metal Red Wagon; Farm Gates; Several new and used tires; Dolly Carts; A.B. Farquhar York, PA Literature; Several piles lumber; Clark Forklift w/Charge; Big Dutchman Automatic Poultry and Livestock Cleaner; Electric Forklift w/ Charger; 15 ton Trailer; Baby Crib; Baby Swing; Laundry Tub; Latex Paint; 11- restaurant chairs; 4- tables; 2- bicycles; solid Wood Entry Doors; adjustable floor post; various moldings- some oak; steel shelving; various bathroom cabinets; prehung doors; bath tub wall kit; bath tub door kit; room divider; various window and patio screens; 1- Anderson window; 4- metal exterior doors- no jams; sliding glass doors; octogon table; various windows; shower door kits; various bi-fold doors; 36" door-screen; various solid interior doors; various counter tops; security light; various bathroom sinks; shutters; range hoods; wheelbarrow kits; adjustable linen shelves; bathroom vanity kits; bath tubs; odds & ends of hardware; fluorescence fixtures (various); ceiling shutters; 1½ block pipe 100 PSI; office equipment (bins & shelving); kitchen cabinets; steel entrance doors; ridge vents; steel studing; Snowmobile Trailer; 16 ft. Hudson Trailer.

Items will be added and deleted due to daily business.
Terms- Cash or good approved check. Financing available prior to sale date.
Refreshments right reserved;
Not responsible for accidents the day of sale

STRALEY FARM SUPPLY, INC.
4200 Davidsburg Road
Dover, PA 17315
717/292-2631

Auctioneers: Melvin Haines #397L
717/764-2241
Ralph Brenneman #708L
717/741-1728

SPECIAL SALE

At
New Holland Sales Stables, Inc.
FRIDAY, JULY 22, 1988
Located 12 Miles East Of Lancaster, Pa.
Just Off Rt. 23, New Holland, Pa.

Consisting of
Tractors & Horse-Drawn Farm Equipment-Supplies-Small Items

SALE OF SMALL ITEMS 9:00 A.M.
Sold Off Wagons or Trucks Only.

FARM EQUIPMENT 10:00 A.M.

A list of your sale items must be in our office by Tuesday, July 12 to be included in our complete listing in the July 16 issue.

For more information contact Abe Diffenbach or Norman Kolb at 717-354-4341

New Customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks.

NEXT SPECIAL SALE, FRIDAY, AUGUST 19 1988

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT JULY 16 - 10AM John Deere Tractors, Machinery, Oak Round Table, Desk, Antiques, Collectibles Location On Premises, Hilaman Farm, 2 Mi S. Of Oxford, Pa. On Barnsley-Chrome Road From Oxford, Pa. Follow LR-131 To Mcleod Ford Bear Left At "Y" Follow 1½ Mi To Sale 30 Miles South Of Lancaster, Pa John R Hilaman, Owner Whiteside Auction Service

SAT. JULY 16 - 10AM Carlos R. Leffler, Inc. Fuel Distributor. Richland, Pa. (Near Lebanon). The Sale Will Be Held At Leffler's Main Office & Shop Facility At The Corner Of Main St & Linden St In Richland, Pa Vilsmeier Auction Co., Inc.

SAT JULY 16 - 10AM Farm Equip Auction Located Between Pine Grove & Fredensburg, Pa Sch Co along Rt 443 Turn South at Deturksville (near Red Lion Cafe) & proceed approx 2 miles to Hetzels Church & then to sale site nearby. Sale signs will be posted. Paul L & Betty M Weaver, Owners Eugene G Klinger Auct Service.

SAT JULY 16 - 10AM Real Estate, Farm Tractors, Equip., Power & Hand Tools, Butchering Equip, Antiques, HH Loc. Box 164 Sigman Rd., RD1 New Providence, Providence Twp., Lanc. Co, Pa Take Rt. 272 about 6 mi. S of Lanc Turn right on Pennsy Rd Go 1 mi & turn left on Sigman Rd to sale By Emmie N. Sigman Estate Howard Shaub, Auct.

WED. JULY 20 - 4PM Antique Store Items, Antiques & Collectibles Located Along Rt 322 Approx. 4 Miles East Of Ephrata, Hinkletown, Lancaster Co, Pa. Mary I. Wanner, Owner T Glenn & Timothy G & Thomas A Horst

THURS JULY 21 - 8 30AM, Real Estate 2PM Valuable 27 Acres, Woodland, Farm Equipment, Household Goods And Antiques Location Rt 641 Appx 4-5 Mi North Of Rt 75 In Huntingdon Co, Pa Merle H and Nannie G. Klobetanz, Owners Sanford G Leaman, Auct.

FRI, JULY 22 - 4 30 PM, & SAT, JULY 23 - 8AM Antiques, Tools, Kentucky Rifle, Guns, Antiques Car, Etc Location From Carlisle, Pa Follow Rt #34 North, Approx 25 Miles To Clouser Hollow Rd, (1 Mile South Of New Bloomfield In Perry County) Turn Left And Follow Clouser Hollow Road 1 Mile To Wye In Road, Bare Left And Go ½ Mile To Sale Location (Watch For Sale Signs). Joann L Kirk, Owner Ed Shull, Aucts

FRI JULY 22 - Special Sale New Holland Sales Stables, Inc

FRI JULY 22 - 5 30PM Gap Auction- HH, Antiques, Tools Located near the Town Clock opposite the Minit Market in Gap, PA Ira & Dale Stoltzfus & Luke Whitman, Aucts

FRI JULY 22 - 7PM 18 9 Acres w/Large Ranch-Type House & 1 Ac Pond At 1100 Copenhafer Rd (Zions View Area), Yokr, Pa Exit 12 off I-83, go W 2 mi to Copenhafer Rd on right, go N on Copenhafer Rd. 2 mi. to land & house on left. 8 mi. N of York, Pa. Seller: Mr. and Mrs. Paul Stahle. Auct: Blaine N. Rentzel.

SAT. JULY 23 - 8:30AM Antiques, Farm Equipment, Household Goods. Located North Of East Berlin On Rt 194 - 6 Or 7 Miles South Of Dillsburg On Rt. 194. Edward I Livingston, Sr. Estate. Blaine & Nevin Rentzel, Auct

SAT JULY 23 - 11AM 116 Ac Land w/2 Homes & Farm Buildings Formerly Donald Isaacs Farm loc on the corners of Rts. SR3027 (Minnequa Rd.) & SR3025 (Baldwins Rd.) RD#2, Canton, PA. Col. Steve Sitar & Co, Aucts.

SAT. JULY 23 - 12NOON Jefferson Co Holstein Bred Heifer Sale. at the Jefferson Co Fairgrounds, Skyesville, PA Mark Glick, Auct.

SAT. JULY 23 - 2PM Real Estate Two and Half Story House and Two Story Barn in Leola, Lanc Co, Pa along Rt. 23 just East of Jct 772 North and Rt 23. For Robert Herman. Steve Petersheim, auct

SAT JULY 23 - 2PM 25 Acres M/L Farm, Victorian Dwelling, Stone Barn, Dam—Conestoga Creek. Located at 423 W. Farmersville Road, West Earl Township, Lancaster Co, Pa (Directions Rt 222 to Brownstown — Rt. 772 East to traffic light in Brownstown — Turn left onto Main St. — Turn right at bridge to property.) Morris & Ruth Ann Hursh, Owners. Horst Aucts.

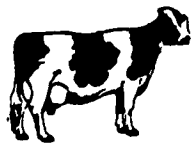
40th ANNUAL
KEYSTONE STUD RAM & EWE SHOW & SALE
FRIDAY & SATURDAY, JULY 8 & 9, 1988
PENN STATE AG ARENA
STATE COLLEGE, PA.
(located beside the Football Stadium)
SHOW- FRIDAY, JULY 8, 8:30 A.M.
SALE- SATURDAY, JULY 9, 9:00 A.M.
600 HEAD CONSIGNED
BREEDS- Cheviot, Corriedale, Columbia, Polled Dorset, Horned Dorset, Hampshire, Merino, Montadale, Oxford, Rambouillet, Shropshire, Southdown, Suffolk, Finnsheep, Polypay, Romney.
Sponsored by
PA. SHEEP & WOOL GROWERS
For Information contact:
Keystone Sale
Robert E. Calvert
P.O. Box 530
Mercer, PA 16137
Phone 412/662-3141 or 662-2323

250-350 HEAD
SPECIAL HORSE SALE
WORK HORSES-MULES
FRIDAY, JULY 8, 1988
Sale 7:00 P.M. **Tack 6:00 P.M.**
Horses hitched at 12 Noon weather permitting.
AT NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

* 1 Registered 6 yr. old Trakehner Mare, 16 hands.
* 1 pr. Reg. 2 yr. old Percheron mares, big and broke.
* 8 yr. old Morgan Gelding, 15 hands.
* 1 Load Work Horses, Mules, and Driving Horses consigned by Ward Wright.
* 1 Load Work and Driving Horses consigned by Bub Leonard.
* 1 Load Driving Horses consigned by Clayton Waterbury.
* 1 Load Driving Horses consigned by Jonas Beiler.
* 1 Load Driving Horses consigned by Reuben G. Stoltzfus.
* 1 Load Driving Horses consigned by Elam B. Stoltzfus.

Plus many more consignments by sale time.
For more Information contact:
Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538
NEXT HORSE SALE SEPT. 9, 7:00 P.M.

DAIRY
HEIFER SALE
THURSDAY EVENING
JULY 7, 1988
7:30 P.M.
Located in Franklin Co., between Chambersburg and Shippensburg, Pa., off route 11 - 1 mile south of Mt. Rock - turn off route 11 at Dekalb Seed Corn Sign, 2nd farm.
50 HEIFERS AND 5 COWS



Most Animals selling will be Springing or Just Fresh! A Few Heifers bred for Fall; 5 Young Cows that should be close!

Majority Vaccinated - Everything Vaccinated for IBR Complex
30 Day Test.
15 Registered Heifers-
Balance Grades & I.D. Grades!
Sires of Registered Animals Include- Valiant Sammy (2), Wileeda Citation R; Kay Elevator; Prince Valiant; Star Wars and other Good A-I Sires.
Several with records on their dams!
Close & Fresh Heifers - bred to a Spirit Son; Later heifers bred to a Melvin Son; Also 12 bred to Angus Bull.
"These are nice well-grown heifers that were purchased mainly at Herd Dispersals!
Also selling - For Gerald Hammond- 6 Close Springing Heifers.
For Eugene Keller- 10 Grade 1st & 2nd calf Heifers.
Owner-
JOHN C. MUMMAU
Shippensburg, Pa.
717 532-8022

Sale Managed By--
KLING'S AUCTIONS, INC.
Landisburg, Pa. Lic. #500
717 789-3883

COMPLETE MILKING DISPERSAL

OF LESTER HIGH, RIDGLEA FARM, RD. #1, POTTSTOWN, PA. 19464
AT SHADY LANE DAIRY SALES INC.
¼ MILE WEST OF QUARRYVILLE, PA.
OFF ROUTE 372 ON OAK BOTTOM ROAD.

110 HEAD OF REGISTERED HOLSTEINS SELL ALL STAGES OF LACTATION OFFICIAL 06/14/88 DHIA 91.2 HEAD
18,277 4.0 724
THURS. EVE., JULY 7, 1988 7:30 P.M. (DST)
SIRES INCLUDE- MARVEX, JEMINI, CAVALIER, VERY, LINCOLN, PERSUADER, TRASFORMER, FOND MATT, STEVE, BOOTMARK, MAGIC, TRUMP, REFORM, GLEN VALLEY STAR, SPIRIT, CHAIRMAN, FALCON, PROPHET, ADAM, HIGHLITE, COMMAND SAUL, RICK, BASIC, JASON, CHAIRMAN, FORD, IVAN, ATOM, SIMON, REBEL, CHIEF ASTRONAUT, PABST, TRADITION AND LESTER.

TOP RECORDS INCLUDE-

182	06	03	PRJ	305	20652	736	(3.6%)
191	06	02	PRJ	305	20689	872	(4.2%)
48	04	06	PRJ	305	21019	851	(4.1%)
34	04	00	337	22382	3.9	864	
58	04	00	305	22605	4.2	945	
48	04	06	305	21019	4.1	851	
10	04	04	305	26040	4.1	1056	
14	04	00	305	20188	4.5	906	
32	03	11	305	20583	4.5	921	
224	04	02	305	18642	4.9	907	
11	04	09	305	22821	4.0	915	

THIS IS A YOUNG HERD THE AGE BREAK DOWN IS (1) 7 YEAR OLD, (4) 6 YEAR OLDS, (11) 5 YEAR OLDS, (14) 4 YEAR OLDS, (21) 3 YEAR OLDS, (35) 2 YEAR OLDS. AS PER CURRENT DHIA PRODUCTION SHEETS FOR THE MONTH OF JUNE.

SALE MANAGED BY SHADY LANE DAIRY SALES INC.
23 SHADY LANE, QUARRYVILLE, PA.
OWNERS
GLENN D. FITE (717-786-2750) DAVID L. FITE (717-786-1725)

LARGE COMPLETE HERD DISPERSAL
Approx. 265 Head
Approx. 265 Head
Dynasty Holsteins, Kutztown, R.D. 3, Pa.
At The Shady Lane Dairy Sales Inc., ¼ Mile West Of Quarryville Off Rt. 372 On Oak Bottom Rd.

Approx. 265 Head
Hi Grade Holsteins 265
THURSDAY, JULY 14- 10 AM D.S.T.

Please Take Note-- This is a day time sale. Selling first at 10 A.M. D.S.T. approx. 13 head heifers starting with small heifers, which include 22 calves to 4 months, 46 head nice group of heifers 200 to 500 pounds, 20 short bred and a nice group of 25 bred heifers due this summer and fall.
Approx. 12:00 o'clock, approx. 150 head hi grade holstein dairy cows complete herd same herd as above heifers.
Consists of 110 milking cows mostly 2-3-4 yr. olds, several recently fresh, balance all stages.
Special Mention- of interest to base makers. 40 head dry cows due mostly July, Aug., Sept.
A real opportunity to buy from a large herd with a lot of young cattle. 30 day T.B. blood pregnancy checked

SHADY LANE DAIRY SALES INC.
23 Shady Lane
Quarryville, Pa.
Glenn 717-786-2750 **Dave 717-786-1728**
P.S. Special Attention - THIS IS A DAY SALE

COMPLETE REGISTERED & GRADE MILKING HERD AND BRED HEIFER DISPERSAL For

STEVE BRENDLINGER, KEMPTON, PA.

to be held at Smoketown Quality Dairy Sales, Smoketown, Pa. Rte. 340

FRIDAY, JULY 8, 1988 - 8:00 P.M. EDST

Herd averaging 14,100 Milk, 3.5 Test, 490 Fat. Herd averaging 50 lbs. per day. This is a young herd with quite a few 2 year olds. Cows due July, August, September, October and November. Fall herd of cattle. Cows bred to AI Bulls from Atlantic.

These cows had no silage and were never pushed for high production. Fed only grain and hay and will show improvement on the right feeding program. Good uddered herd. Some cows milking 60 to 80 lbs. per day.

Ch. 43- Reg.- Sunny Craft Chief Spirit- Born 9-14-84.
Dam Creek-Bluff Elevation Lester
2-7 368 16,320 3.5 567.
Due 10-25-88.

Ch. 31- Reg.- Sunny Craft Chief Spirit- Born 5-20-83.
Dam LJUF- Lage Mose Lucky Star- Twin.
2-2 292 10,030 4.6 460.
4-2 278 11,840 4.6 540- Est. 12,579 582.
Due Oct. 18, 1988.

Ch. 36- Reg.- Burmar Jemini Morgan- Born 11-18-82.
Dam- Letters Burkgor Trump.
2-10 257 14,056 370.
3-10 305 17,989 526.
335 18,760 554.
5-1 138 10,500 260- Est. 18,244 526- 70 Lbs. M.
Due Jan. 30, 1989 To Chet-Len-Pepper Starwar-ET.

Ch. 16- Grade-
2-10 233 11,336 3.8 434. Est. 13,479 518.
Due Aug. 24- 37 Lbs.

Ch. 22- Grade- Born 9-8-84.
2-5 302 13,239 438.
3-6 Fresh- 3-16- Proj. 12,797- 61 Lbs.

Ch. 1- Grade- Born 3-15-80- Fresh- 5-20-88.
6-2 286 13,370 352.
7-1 251 15,328 484.

Ch. 15- Dtr. Of Ch. 1.
2-7- 55 Lbs. 3.9- Proj. 12,835.
Sire- Marlu Titan.

Ch. 24- Grade- 75 Lbs.
4-7 305 16,860 3.7 623.
5-9 305 19,253 3.7 715.
338 20,397 3.7 767.
6-10 305- proj. 17,248- 624.

Ch. 12- Dtr. of Ch. 24- Fresh 4-17- 48.5 Lbs. 4.0.
Sire- Sun Gold Big Brother.
Born- 8-8-83.
Sire- Royal Job Don.
2-4 348 17,978 3.2 591.
3-6 346 24,280 3.2 786 Inc.
Milking 59.9 @ 346 days.
Due- 7-11 To Tremlay Maple Better Fat.
Dam Rugua Ivanhoe Kismit Kid.

Reg.- Hanover-Hill Triple Threat- Red- G.P. 83.
3-4 290 17,680 554.
4-3 286 19,350 3.4 664.
5-3 305 19,210 3.5 669.
Dam- Paclamar Astronaut G.P. 82.
2- Records Over 18,000- 2- Records Over 20,000- 842 F.
Next Dam 8 Records Over 4% Test.

Reg. Triple Threat- G.P. 84.
Fresh 6-24-88.
Dam- V.G. 4 Yr.- 337 17,855 3.7 659.

Reg.- Romandale Regal Red- ET- Born 2-13-86.
Due 7-4-88 To Needland Shadow- Red- ET.
Dam- Kettlea Jetstar Hilda- G.P.
3 Yr. Proj. 16,020.
2nd Dam- V.G. 14,663 4.1
3rd Dam- G.P. 15,415 3.9- Life- 127,585- 3.8.

Reg.- Grandview- WG Duncan Larksman.
Born 2-17-84- Fresh May- 1st Test 84 Lbs.
Dam- Paclamar Capsule.

2 Reg.- Red & Wht. Holsteins & 1 Grade.
Grade- Red & Wht. Holstein- Due 7-28-88.
6-1 305 13,853 406.
7-2 273 14,249 425.

Reg. Holstein Bull- Proven & Ready For Service.
Sire Merit Hamlet Starlite Valiant.
Dam- Jet Stream Dtr.
2 Yr. 4 M. 365- Over 24,000M.
3 Yr. 4 M. 305 21,970 791F.
4 Yr. 4 M. 305 26,120 860F.

We Are Small, But We Can Do It All
A Free Treat For The Dairyman

Managed By

GORDON & HELEN FRITZ
717-393-0930

Dairy and Livestock Sales

Public Auction Register

SAT JULY 23 - 9AM Travel Trailers, R V. Inventory, Woodworking & Shop Tools, Office Equipment Located in Chester County, PA in Cochranville at Junction of Routes 10 & 41, next to Turkey Hill Minit Market By B A Manufacturing Steve Petersheim, aucts

TUES. JULY 26 - Holstein dairy cattle for Sam Heagy, Route 4, Lebanon. Harry H. Bachman, auct

THURS. JULY 28 - 9AM Dolls At Noon, Coins At 3:30 PM Antiques, Household Goods, Collectibles, Dolls, Coins 252 Hurst Rd., Martindale, Lanc Co, Pa. Directions. Rt 322 E Of Ephrata To Light Onto Martindale Rd., Grist Mill Rd. To Hurst Rd. Irene E. Witmer, Owner. T. Glenn & Timothy G, Thomas A Horst

4 ACRE FARMETTE
PUBLIC AUCTION
TUES. EVE. AUGUST 2, 1988
AT 6:30 P.M.

Directions: From Rt. 272 At Adamstown Take Rt. 897 South To Fivepointville Turn Right At Square. Go Approx. ¾ Mile To Property On Left.

Lot Size Is 257' Frontage By 730' Depth Situated Thereon Is A House Consisting Of Large Kitchen w/Pantry And Coat Closet, Living Room, Family Room And Laundry On First Floor, 3-Large Bedrooms And Bath On 2nd Floor. Other Buildings Are Garage w/Workshop And 2 Story Barn w/ Horse Stalls, Single Story Chicken House.

Open House Sat. July 23 And 30, 2-4 P.M. For Information Call 215-445-4191 Or 717-933-5328.

Note: Looking For An Excellent Property. This Is For You. Terms 10% Down Day Of Sale, Balance At Settlement On Or Before Oct. 31. Property Is In 2 Tracts On Same Deed!

Terms By
AARON AND SHIRLEY NEWSWANGER
215-445-4191

Auct.
Sylvan B. Witmer
AU-001807-L
RD 1309-K
Womelsdorf, Pa 19567
717-933-5328

PUBLIC SALE

From Interstate 81 South of Martinsburg, West Virginia, Take Exit #5 (Inwood), WV Route 51 East approximately 3½ miles to Shutts Cash Grocery (Formerly Haines') Turn right - .2 of a mile to sale -- OR -- From Charles Town, WV, Take Route 51 West, Go approximately 8½ miles to Shutts Cash Grocery- Turn left- .2 of a mile to sale.

MONDAY, JULY 4, 1988
AT --- 8:30 A.M.

TRACTORS AND EQUIPMENT: Approximately 20-25 tractors including Cubs, Fords, John Deere, Internationals, Fergusons, and other tractors. We will also be offering 2 and 3 axle trailers, a good selection of plows, cultivators, wagons, new and used rotary cutters, 6 and 7 foot blades, post hole diggers, disc, wood saws, rakes, balers, round balers, grain elevators, corn pickers, corn planters and other farm articles.

We will also be offering a good selection of NEW AND USED TOOLS -- canned goods, hams and other food items. Some household articles Cuz of Pennsylvania will be here with watches, tapestries, crystal and sewing material.

1970 Cadillac Convertible (nice).

TERMS: CASH OR GOOD CHECK, NOTHING TO REMOVED UNTIL SETTLED FOR. ID REQUIRED TO ACQUIRE A BIDDNG NUMBER.

EDGAR A. BOHRER, SALE MGR.
WV LIC #18-89
304-229-8354

NOTE: THIS IS A CONSIGNMENT SALE. Let us turn your unused farm articles, household articles, and antiques into cash for you. If you are considering having a auction, please contact us.

ORDER OF SALE: SMALL ITEMS: Tools, household articles, food, etc. will be offered promptly at 8:30 am: TRACTORS will be offered promptly at 10:30 am: EQUIPMENT: Will be offered approx. at 12:00 NOON.

NOT RESPONSIBLE FOR ACCIDENTS ON PREMISES
LUNCH RIGHTS RESERVED

PUBLIC AUCTION
SATURDAY, JULY 9, 1988
TIME: 9 A.M.

Location: From Exit 20 I81 (Wertzville Rd. Exit) Turn East on 944. Go 500 yards, turn left onto Valley Road. Go 8/10th of a mile. From Rt. 11/15 Exit at Summerdale onto Valley Street and proceed 3.4 miles. Signs posted.

Furniture

Oak bookcase desk; Oak library table; Oak dresser w/beveled mirror; Oak washstand; Oak rocker w/2 matching oak chairs; Old server; Oak bowed glass china closet w/lion's head & paws; Old wooden high chair; 2 - one piece school desks; child's rocker; 1 - windsor chair; 5 plank bottom chairs (nice).

Antiques - Collectables - Guns - Fishing Equipment

Dbl. barrel 12 ga. BAKER shotgun; 12 ga. (Champion) Iver Johnson Arms Single Barrel; Mossberg No. 35 22 cal. target rifle; Daisey BB Gun; Old tin cookie cutters; ice tongs; sausage stuffer; 2 meat saws; butcher knives; MONTAGUE RAPIDAN split Bamboo fly rod; EDWARD CROWN No. 60 fly reel; 7 old wooden fishing lures; BAY CITY reel and bamboo deep sea rod; food choppers; Russel meat cleaver; old doughtrough; dough scraper; old market weighing scales; old PHILCO radio, German pot belly stove; sad iron lamp; old games; old floor model radio; old sewing mach w/stand; crocks; granite & tinware; meat grinder on plank; picnic basket; old Allied clothes press; old frame picture of Hbg.; framed print of Andersonville Stockade (Civil War); LEONARDO Art sculpture (Mother & Child); 1903 GILBERT 8 day mantle clock; 1929 Castle clock & light; Holler anniversary clock; old pea sheller; old handmade quilt (fan pattern); Rayo oil lamp; postcards; X-mas cards; lots of salt & peppers; silver claw footed butter dish; miniature Coke bottle; 3 New Cumberland Fire Co. No. 1 pins; old X-mas decorations; Louis Mark & Co. elec. train w/9 tin cars; 70 yr. old folding dollbed; Flurie brick from New Cumberland.

Glass

Purple carnival water pitcher (Peacock); 6 purple carnival mugs (Singing birds); green depression water pitcher w/6 matching pedestal glasses; 7 pc. green depression berry set; pink depression cookie jar w/lid (laced pattern); green & pink footed depression bowls; other misc. pcs. of depression; pressed & patterned; iron stone; Hall's; McCoy w/pink & blue stripes; Liberty Blue dishes; German Choc. set; approx. 25 pcs. Cape Cod Avon ruby glass; white porcelain shaving mug; old Planters peanut jar; Dumbo 2 faced cookie jar; 2 glass Barrel jugs; Blue willow; 4 blue cobalt jars; J. G. Meakin Eng. China pcs.; 3 footed green dish w/holly & Elk; Set of 45 Currier & Ives dinnerware (green).

Tools - Carpenter - Masonry - Mechanical - Gardening

Front tine Rototiller; 7 HP riding tractor/ mower; 4 - gas eng. mowers; Contractor wheelbarrow; elec. & gas chain saws; jig saw; Rockwell circular saw; Duall saw, drills, belt sander; bench grinder; battery charger; Fuller vise; chainfall (nice); come-a-long; bucksaw; 2 - shad belly saws; straw cutter; scythes; blowtorch; cast iron hog trough; picks; shovels; rakes; and lots of misc. items.

Order of Auction: 9 a.m. - Tools, 11 a.m. - Furniture; Guns to follow furniture, rest of items as they cross the auction block.

Terms & Conditions: Cash, PA approved check or traveler's checks. No out of state checks accepted.

NOTE: Very Nice Merchandise & Lots Of It!

MARIE ROSS, Owner

Nevin Fahnestock, Auctioneer
AU-2553-L
717-582-8565

Food Stand - Summerdale Fire Co.

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

MON JULY 25 - 3.30PM Antiques & Household Goods. Located at 20 Broad St., Ephrata, Pa Joe J. Ice, Owner. Horst Auct

FRI JULY 29 - 5 30PM Gap Auction- HH, Antiques, Tools Located near the Town Clock opposite the Minit Market in Gap, PA Ira & Dale Stoltzfus & Luke Whitman, Aucts.

SAT JULY 30 - 9AM Real Estate, Household Goods, Tools, Antiques Located approx 4 miles south of Strasburg, Pa Corner of Rt 896 South & Keneagy Hill Road Paradise Township between Georgetown & Strasburg (Watch for signs) Marvin G Reimold, Owner Attorney Harry B Yost, Ron Funk & Gordon Ressler, Aucts

AUGUST

MON. EVE AUG. 1 - 6PM. Real Estate, 2½ story brick apt. building & third apt. at rear of property. Located 111 South College St, Myerstown, PA. (Leb Co.) Dwight D Miller, Auct.

TUES AUG 2 - 6:30PM 4 Acre Farmette for Aaron & Shirley Newswanger. Located at RD 1, Denver, near Fivepointville Auctioneer Sylvan Witmer.

WED AUG 3, THURS AUG 4, FRI AUG 5 - Large Three Day Sale Of Farm Equipment at Marion, Pa Ralph W Horst, Marion, Pa 17235, Manager.

SAT AUG 6 - 9AM Located 1 mile North of Rt 23 from Leola Family Restaurant on Windy Tore Rd. Complete line of light & heavy steel shop tools & inventory. Forest Hill Machine Shop, Daniel S. Glick, owner Auct. Steve & Steve, Jr, Petersheim

SAT. AUG. 6 - 9AM Located Near Village Of Center. Annual Amish Parochial School Benefit Sale. For Consignment Contact Martin A. Weaver, RD 2, Box 109, McAlisterville, Pa 17049. Bryan D Imes, Auct

SAT AUG. 6 - 10AM 3½ Acre Farmette, Household, Horse Equip, John Deere Riding Lawn Mower. Located near Lake Wynonah, Schuylkill Co, between Summit Station & Cressona, Pa. along Rt 183 Turn onto Reedsville Dr. & go 1 blk, turn right on Miller Rd to 1st place on left. Owners Robert & Rebecca Stoyer Eugene G Klinger Aucts.

SAT AUG 6 - 10AM William E Meyer Complete Potato Farm Dispersal Castile, (Wyoming Co) New York Pirrung Auctioneers, Inc. Wayland, NY 716-728-2520

FRI AUG. 12 - 11AM 70 Head Of Registered & ID Grades. Located ¼ Mile East Of Fire Hall In Blue Ball On Route 322 On The North Side Of Highway Owned By, Adam & Jerrene Zimmerman Paul Snyder, Auct

FRI AUG 12 - 11AM Herd Dispersal of 65 Head, Purebred Cows & Heifers Located along Rt 322 in Blue Ball, Pa, Lanc Co Sale By Jerrene & Adam Zimmerman Paul Snyder, Auct

FRI AUG 12 - 1 30PM State Graded Feeder Pig Sale Grading 7 30-11 30AM Carlisle Livestock Mkt, Inc Exit 12 off I-81

FRI & SAT AUG 12 & 13 - Back-East Summer Farm Toy Show & Auction New Holland Fire Hall Dave Nolt & Dale Stoltzfus, Aucts

SAT AUG 13 - Absolute Real Estate Auction Of 44 Acre Farm & Machinery. 2 Miles From Nottingham Pa & 30 Miles S. Of Lancaster, Pa At 241 W Ridge Road, Open House On July 21st-12 To 4 P M Also Saw Mill, #600 Ford Truck, 18 Tractors, Household, Tools, Etc Only 6 Miles From I-95 By Order Of Owner Elmer E Janney Whiteside Auction Service, Harry W & Jeffrey E Whiteside, Aucts Several Amish Farms Close By

FRI AUG 19 - Anastasis Farm Complete Dairy Herd Dispersal- 150 Head Registered Holsteins. Huntington Co., Pa. Edwin L. Steach, Owner. Kling's Auctions, Inc., Sale Mgrs

FRI AUG 19 - Special Sale. New Holland Sales Stables, Inc, New Holland, Pa

SAT. AUG 20 - Annual Consignment Sale of the Kutztown Community Fire Co. Turn off Rt 422 at light, go north on Rt. 645 approx 1¼ to 2 mi. to the sale Henry Brubaker chairman of sale committee Local auctioneers.

SAT AUG 20 - 9AM The 20th Annual Community Sale At The Leesport Auction Grounds Rt 61 North Of Reading Tractors, Lawn & Garden, Farm Equipment & Household Items Sponsored By Berks Co Porona Grange, Seven Local Auctioneers

SAT AUG 20 - 1PM Rocking D Horse & Cattle Co Production Sale Reg Texas Longhorn Cattle To Be Held At Mt Springs Camping Resort & Rodeo Arena, Shartlesville, Pa 1 Mile North Of Shartlesville Off I-78- Exit 8 In The Heart Of PA Dutch Country Eddie Wood, Auct

THURS AUG 25 - Leb Co Holstein Club Sale, Leb Area Fairgrounds Harry Bachman, auct

THURS. AUG 25 - 7PM Located in Sadsbury Township Lanc Co, Pa 1 mile west of Gap on Mine Road Real Estate Owners J Kenneth and Sadie Shertz Steve Petersheim, auct

SEPTEMBER

FRI SEPT. 2 - 9AM Annual Fall Machinery Sale At the Belleville Livestock Mkt, Belleville, PA Glick, Gibboney, Aucts.

SAT SEPT. 3 - 8.30AM Williams Grove Historical Steam Engine Association Inc Located At Williams Grove Historical Steam Engine Association Inc Mechanicsburg, Pa Little Ike Eichelberger, Auct

THURS SEPT 8 - St Thomas, Pa Dairy Cow Sale, Dale Niswander, Owner, Kling's Auctions, Inc, Sale Mgrs

THURS. SEPT. 8 & FRI SEPT. 9 - Large Two Day Sale Of Farm Equipt, At Marion, Pa Ralph W Horst, Manager, Marion, Pa 17235

FRI SEPT 9 - 1 30PM State Graded Feeder Pig Sale Grading 7 30-11.30AM. Carlisle Livestock Mkt, Inc. Exit 12 off I-81

FRI SEPT 9 - 7PM Horse Sale New Holland Sales Stables, Inc., New Holland, Pa.

MON. SEPT. 12 - 3PM 5th Annual Fall Lawn & Garden Equip. Cons. Auction at Farmersville Equip., RD4, Ephrata, Pa. Located In The Village Of Farmersville. 717-354-2150, Paul E Martin & John D Stauffer, Aucts.

FRI. SEPT 16 - Special Sale New Holland Sales Stables, Inc, New Holland, Pa.

SAT. SEPT. 17 - Honey Brook Fire Co. Quilt Sale Honey Brook, Chester Co Steve & Steve Jr Petersheim, Aucts.

SAT. SEPT. 24 - 10AM Fall Heifer Sale. New Holland Sales, Stables, Inc., New Holland, Pa.

WED SEPT. 28 - 1PM Real Estate, 200 acres in Sadsbury Township, Lanc. Co., Pa. 2 miles east of Gap, 1 mile south of Route 30 on Simmontown Rd. Owner James and Elizabeth Stoltzfoos Steve Petersheim, auct

FRI SEPT. 30 - Kling's Sale Barn, Landisburg, Pa Perry Co Invitational Holstein Sale, Kling's Auctions, Inc, Sale Mgrs

OCTOBER

WED. OCT. 5 - 9:30AM Annual Dairy Show & Sale At the Belleville Livestock Mkt., Belleville, PA. Mark Glick, Auct.

THURS. OCT 6 & FRI OCT 7 - Large Two Day Sale Of Farm Equipt. At Marion, Pa Ralph W. Horst, Managers, Marion, Pa 17235.

SAT OCT 8 - 12.30PM 69 Acre Dairy Farm. Located in Bart Twp., Lanc. Co, Pa. 5 mi S E of Strasburg along Rt 896. H. Robert Stottlemyer Estate Aucts. Steve & Steve Jr. Petersheim.

WED. OCT. 12 - 2PM 129 Acre Farm, Zoned Agricultural. In E. Drumore Twp., 3 mi. S of Quarryville along Rt. 222 Terms by Lester H. & Mary Ranck. Auct: Robert E. & Jeffrey R. Martin.

SAT. OCT. 15 - Farm Mach., H.H., Antiques Located on farm, Rt. 322 W of Ephrata, turn left Clay Rd., turn left onto South Fairview Rd. to farm on right. Warren F. & Jean Bollinger. Kline & Kreider, Aucts.

SAT. OCT. 22 - 9AM. Collectibles, Antiques, Glassware, much more. Located across from Zoars Lutheran Church in Mt. Zion, Leb Co., Pa. Dwight D. Miller, Auct.

NOVEMBER

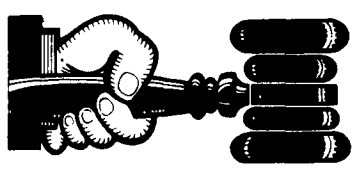
FRI. NOV. 4 - R D. #1, Millmont, Pa. San-Be Farms Complete Dispersal, Kling's Auctions, Inc., Sale Mgrs, Wm. Kent, Pedigrees.

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN

Quarryville, PA
PH· 717-786-3016



AUCTIONEER'S DIRECTORY

DWIGHT D. MILLER
AUCTIONEER
QUALITY SERVICE

RD#2 Box 2716
Bethel, Pa.
(717) 933-5736

LeRoy S. Horst
Bowmansville, Pa.
215-445-6181
Paul W. Horst,
East Earl, RD1, Pa.
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Auctioneering Service
in Lancaster & Berks Counties. Also surrounding areas.

Kreider & Kline Auctioneers

COMPLETE PROFESSIONAL AUCTION SERVICE
REAL ESTATE — FARMS & RESIDENTIAL
PERSONAL PROPERTY — ANTIQUES —
FARM STOCK SALES — LIQUIDATIONS

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717 733 1006
717 569-8701

LLOYD H. KREIDER
AUCTIONEER
717-786-3394

ROY E. GOOD, JR.
RD 1 BOX 151 A
DENVER PA 17517
215 445 4309

Auctioneer:
Steve
Steve Jr. **Petersheim:**
Petersheim Auctioneers

COMPLETE AUCTION SERVICE

Antiques
Household Goods
Farm Equipment
Real Estate

Take Note - Our New Phone Number
— 215-593-2828

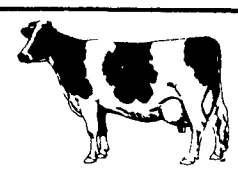
NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P M
Horse Auction
2nd Saturday each month
1 P M

FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va
703-364-1566

NEW HOLLAND SALES STABLES, INC.



Located 12 Miles East of Lancaster, just off Rt. 23, New Holland, Pa.

SPECIAL DAIRY SALE CONSIGNMENTS For WEDNESDAY, JULY 6, 1988
Heifer Sale Starts At 11:00 A.M.

1 LOAD PUREBRED AND GRADE CANADIAN COWS, FRESH, AND SPRINGER, CONSIGNED BY LEROY SMUCKER.
XXXXXXXX
1 LOAD NEW YORK STATE COWS, FRESH AND SPRINGER, INCLUDING A FRESH 4 YEAR OLD WILEEDA DAUGHTER WITH OVER 20,000 MILK AND A FRESH 3 YEAR OLD KING VIC PROJECTED OVER 19,000 MILK AS A 2 YEAR OLD, CONSIGNED BY RUSSEL LERWICK.
XXXXXXXX

Also Selling

* 1 load fresh and springer cows consigned by Norman and David Kolb.
* 1 load fresh and springer cows consigned by Merle Brenneman.
* 1 load fresh and springer cows consigned by Marvin Eshleman.
* 1 load fresh and springer cows consigned by Raymond Smucker.
* 1 load fresh cows consigned by Dale Hostetter.
* 1 load fresh cows consigned by Alfred Albright.

PLUS MANY MORE CONSIGNMENTS
For More Information Contact:
Abe Diffenbach 225L
717-354-4341
Norman Kolb
717-397-5538

JOHN AND PAUL GALLAGHER COMPLETE DISPERSAL

FRIDAY, JULY 8, 1988 11:00 A.M. SANGERFIELD, N.Y.

Sale to be held at the farm on Route 20, ¼ mile east of Routes 12 and 20, in the Town of Sangerfield, N.Y., 15 miles south of Utica, 15 miles east of Morrisville, N.Y.

Due to health and other interests, will sell:

85 HOLSTEINS

Selling will be 53 cows (4 Registered), 7 bred heifers, 10 yearling heifers ready to breed, and 15 open heifers and calves. This is a young, tie stall trained dairy with good feet and legs. The DHIA-R.H.A. is 20,633m 717f and 656p. The average age of the milking herd is 40 months, with 19 first calf and 19 second calf cows. The cows are Eastern bred and the young stock are sired by Eastern and Landmark bulls. This is a year round freshening dairy with 17 cows due August to October. The cows are presently averaging 61 lbs., and cows sell with records over 27,000m. This is a well managed dairy with a tank S.C.C. of 131,000. The youngstock are tall and well conditioned. Features include a Registered Stewart daughter projected over 24,000m and at 800f at 1-10. She sells due in October to Trancer-Red. A fancy Warsaw due in September to Klark sells with 24,000m and 900f at 1-10. A super Royalty due with first calf at sale time to Secret sells. This tall, strong heifer's dam is projected over 27,000m and 1000f. Sires include Troy, Eagle, Enchanter, Klark, Thornwood and others. Service Sires represented are Jon-Red, Trancer-Red, Klark, Gig, Major and others. The herd is calfhood vaccinated, and will be blood and TB tested and examined for pregnancy.

TERMS: Cash or good check day of auction. Nothing removed until settled for.

JOHN AND PAUL GALLAGHER, OWNERS
315-841-4943 (evenings)

HARRIS WILCOX, Inc.
Sale Managers, Auctioneers, and Realtors
Bergen, N.Y. 14416
Phone 716-494-1880

MELVIN KOLB, INC.

LANCASTER, PA MONTHLY COW SALE

THURSDAY NIGHT, JULY 7, 1988 7:30 P.M.

- 200 - QUALITY HOLSTEINS - 200 -

PUREBREDS & GRADES

LOCATION: West of Lancaster on Dairy Road. Take route 283 West to 741 East and go left at exit. Turn right at Flory Mill, go under railroad overpass and right on Dairy Rd. Barn is within sight of 283 West.

- ✳ **125 of these cows and heifers have freshened in the past three weeks.**
- ✳ **75 Springers to freshen in July, August, September Base period.**
- ✳ **50 In New York State I hand picked 50 Fresh Grade big and fancy cows milking from 80 lbs. to over 100 lbs. daily.**
- ✳ **20 Hand selected from a New York Herd of 250 cows currently averaging 90 lbs. per day.**
- ✳✳ **Load of grade cows from New England States. Several milking 90-100 lbs.**
- ✳ **20 Fresh 1st Calf Heifers, some milking up to 75 lbs. per day.**
- ✳ **18 Fresh Grade Cows selected from a Maryland Herd due July, Aug. & Sept.**

Night SALE

SPECIAL MENTION

- ✳ A 2 yr. STARBUCK due July to HANOVER HILL JETHRO, Dam VG 321d 21,010 - 3.6 752f.
- ✳ A Fancy MATTADOR Dtr. 2 yr. Rec: 280d 11,338 3.9 437, Dam 317d 16,058m 5.0 805f.
- ✳ A CLINTON-CAMP MAJESTY Dtr. 3-0 302d 14,264 3.5 498f.
- ✳ TWO fancy WARDENS', 2nd Calf Heifers.
- ✳ A 3 yr. CHAIRMAN Dtr., Dam GP ELEVATION 294d 18,500m 4.1 760f.
- ✳ A 4 yr. MARVEX Dtr. due July to BACHELOR.
- ✳ An ELWILLO DUALLYN DONAU-RED Dtr. with 21,000m 3.6 test.
- ✳ An APOLLO Dtr. 17,750 3.9 691f.
- ✳ A Nice 2 yr. KINGWAY ELEVATION VERY Dtr.
- ✳ A Fancy 2 yr. CITAMATT Dtr.
- ✳ A KINGWAY ELEVATION VERY Dtr., Dam 85 pt. BOOTMAKER, next Dam EX.
- ✳ A 3 yr. Big MARLIN Dtr.

Many more really good ones not in this ad but will be catalogued for Sale. TWO Service Age Bulls, Several Heifer Calves out of these Purebred Cows.

If you need plenty of milk, plus high testers for base come Thursday night, you'll see a fine selection of cows and heifers. Lots of real milk cows for base period.

SPECIAL TREAT - CHICKEN CORN SOUP - for all Dairy farmers.

FREE TRANSPORTATION FOR LANCASTER CO. AMISH

Please call: 717-569-2106 or 717-569-6800 before noon on Thursday, July 7, 1988.

Sale Managers: Dennis & Mel Kolb
Auctioneer: Robert C. Mullendore
AU-000644-L
Pedigrees: Henry Kettering

PA FARM - 2220 Dairy Rd., Lancaster, PA

Dairy Research Breakthrough

"MAXI-TECH 32 F.F."

The Superior Dairy Supplement With:

- *Maximum Energy from Added Fat (8% Min.)*
- *Maximum Fiber By Adding FF* (12-15% Fiber)*
  **(fermentable fiber)*
- *Protein (32% Min.), Mineral and Vitamin Levels, Research Formulated To Support High Energy Diets.*
- *Maximum Nutrient density to Maximize:*

Milk and Fat Production
Herd Health
Breeding Performance
Your Profits (Milk Income Minus Feed Cost)

Your Early Lactation Cows Are Deficient One Key Nutrient... Energy.

Therefore, a research proven, high energy supplement is your best feed purchase when your goal is improving dairy profits.

Maximize your profits with MAXI Tech 32 FF, a superior feed, proven by Purina's metabolism unit, research herd, and local farm results.

Contact Your Purina Dairy Consultant For A Customized Nutritional Program.

See Your Purina Dealer Today!

WARRIOR'S MARK FEED CENTER
P.O. Box #130
Warriors Mark, PA 16877
814/632-5490

FARMER'S UNION CO-OP
30 East Walters Avenue
Greencastle, PA 17225
717/597-3191

WEST WILLOW FARMERS' ASSOC.
R.D. #1
West Willow, PA 17583
717/464-3386

K & K FEED, INC.
R.D. #4 - 23 N. Park Street
Richland, PA 17087
717/866-2324

H.R. WENTZEL SONS., INC.
Box 6 Bloomfield Ave.
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